

PBSJ

**SCOPE OF WORK
NASSAU-AMELIA UTILITIES WWTF
2008/2009 PERMIT RENEWAL**

Contact with FDEP regarding the renewal of the permit for the referenced facility indicates that the following forms and/or information will be required:

1. FDEP Form 1
2. FDEP Form 2A
3. Capacity Analysis Report
4. O&M Performance Report
5. Process Flow Diagram
6. Site Plan
7. Location Map
8. Agricultural Use Plan or Dedicated Site Plan or a sludge disposal agreement
9. Binding Agreements and Documentation of Controls on Individual Users of Reclaimed Water
10. Reclaimed Water or Effluent Analysis Report

Additional information that must be provided in order to complete Form 2A and the individual reports includes but may not be limited to the following:

1. The most recent sludge analysis
2. A summary of the groundwater monitoring data
3. A summary of the influent and effluent data
4. Summarized flow data for 10 years or each year the facility has been in operation
5. Growth projections for the service area
6. Copies of any orders or notices issued by FDEP

Task 1 Project Kick off and Data Collection

Task 1 requires gathering the data and completing Form 1 and Form 2A. PBSJ will work directly with the NAU staff to obtain the required data and complete the required forms and reports. A Project Kickoff meeting will be held with NAU Staff.

Task 2 Permitting Forms

Task 1 requires gathering the data and completing Form 1 and Form 2A. PBSJ will work directly with the NAU staff to obtain the required data and complete the required forms and reports. Draft copies of the forms will be submitted for review and approval prior to preparing the final submittal.

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Task 3 Operation and Maintenance and Performance Report

The O&M Performance report requires an inspection of the facility in the company of the chief operator and an evaluation of the performance of the treatment plant. Data required include the following:

1. A summary of the groundwater monitoring data
2. A summary of the influent and effluent data
3. Reclaimed Water or Effluent Analysis Report
4. The Operating Protocol for the Facility
5. The dates on which the Operating Protocol has been updated since the last renewal

Using the data provided, PBSJ will develop the required report and submit a draft for review prior to final submittal. The owner and the chief operator will be required to sign the final document prior to submission to FDEP.

Task 4 Capacity Analysis Report

Because the facility has exceeded fifty percent of the design capacity an initial capacity analysis report will be required to define the status of the facility and the requirements for planning and implementing expansion of the facility. Data required will include the summarized flow data since the startup of the facility and growth projections for the service area. PBSJ will develop the required analysis and submit a draft for review prior to final submittal. .

Task 5 Response to Request for Additional Information

Although every effort will be made to submit a complete permitting package, request for additional information from FDEP can be expected. Should additional time an effort in excess of this fee be required, PBSJ will advise the NAU prior to proceeding.

Submittals

PBSJ will provide three copies of each form or report for review and comment prior to assembly of the final permitting package. The final permitting package will be assembled in a single bound document for signature and submittal to FDEP. The submittal package will include the following:

1. Two copies for signature and submittal along with the permit fee of \$5,000 provided by NAU. The check for the permit fee should be made out to the Florida Department of Environmental Regulation for renewal of NAU Wastewater Treatment Plant Operating Permit #FLA011688.
2. Two copies of the final package for distribution to the treatment plant and the NAU files.
3. A CD containing the electronic files for the submittal.

Total Estimated Cost

The total Lump Sum cost for the Scope of Work presented above is \$38,326.

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Schedule

For this project, PBSJ estimates that if the required data and the reviews of the draft submittals can be provided in a timely manner the final permitting package can be completed and ready for submittal within 7 weeks of Notice to Proceed.

DATED this 18th day of June, 2008

BOARD OF COUNTY COMMISSIONERS
NASSAU COUNTY, FLORIDA


Marianne Marshall
Its: Chair

ATTEST: *as TB Commission*
Signature


John A. Crawford
Its: Ex-Officio Clerk
EBK 6/18/08
By [Signature] CSJ
Approved as to form by the
Nassau County Attorney:


Robert A. Morrell, P.E. Vice President
for PBS&J


David A. Hallman

