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Aqua Utilities Florida, Inc.
2228 Capital Circle NE, Ste. 2A
Tallahassee, FL 32308

COMMISSION
CLERK

February 28, 2011

Ralph Jaeger
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 100330-WS - Application for increase in water/wastewater rates in Alachua, Brevard, DeSoto, Hardee, Highlands, Lake, Lee, Marion, Orange, Palm Beach, Pasco, Polk, Putnam, Seminole, Sumter, Volusia, and Washington Counties by Aqua Utilities Florida, Inc. – Staff Second Data Request – Sixth Supplemental Response, Numbers 7

Dear Mr. Jaeger:

By this letter, Aqua Utilities Florida, Inc. (AUF or Company) provides its sixth supplemental response to the Staff's Second Data Request, Numbers 7.

Pro Forma Plant

7. The following items relate to the pro forma plant improvements reflected in adjustments on MFR Schedules A-3. These improvements include the Purchase of Trucks for Replacement, Administrative Assets, IT, as well as the following system specific improvements:

[Table omitted]

For each improvement, provide the following information:

- (a) a statement why each improvement is necessary;
- (b) a copy of all invoices and other support documentation if the plant improvement has been completed or in process;
- (c) a copy of the signed contract or any bids, if the plant improvement has not been completed;
- (d) a status of the engineering and permitting efforts, if the plant improvement has not been through the bidding processing;
- (e) the projected in-service date for each outstanding plant improvement; and

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An Aqua America Company
www.aquautilitiesflorida.com

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- (f) If any outstanding estimated completion dates for the pro forma improvements have changed, please state how many times the date was revised and explain, in detail, why each completion date was changed.

FOURTH SUPPLEMENTAL RESPONSE:

AUF is providing additional information as a supplemental response to Staff Second Data Request, Number 7. The summary attached hereto provides an update to the previously submitted responses. This summary also identifies which projects are directly related to environmental requirements and reuse. Additional projects are also identified in this summary related to the Arredondo wastewater treatment plant.

AUF is also filing additional support documents in electronic format on the enclosed CDs labeled “Staff Second Data Request – Sixth Supplemental Response.” These documents are in addition to previously submitted support documents supplied in AUF’s first through fifth responses.

Finally, for additional support documentation, please refer to AUF’s response to the Office of Public Counsel’s (OPC) Production of Document No. 103. Attached hereto is a summary of the documents provided in response to OPC’s POD No. 103.

As previously indicated, AUF will continue to compile any additional documentation as it is received and processed and any additional support documentation will be supplied in further supplemental responses to both Staff’s Data Requests and OPC’s Request for Production of Documents.

Please acknowledge receipt of this filing by stamping the extra copy of this letter “filed” and returning the copy to me. Thank you for your assistance.

Sincerely,

A handwritten signature in black ink that reads "Troy Rendell". The signature is fluid and cursive, with a large initial "T" and "R".

Troy Rendell
Rates Manager

cc: Bruce May, Holland & Knight
Office of Commission Clerk
Patricia Christensen, Office of Public Counsel
Kimberly A. Joyce, Aqua America, Inc.

**Florida Public Service Commission
Docket No. 100330-WS**

**PSC Staff Data Request – Set 2, No. 7
Sixth Supplemental Response**

RESPONSE:

Ocala Oaks - Hydropneumatic Tank Replacement

1. status of the addition;

Tank was ordered during the month of August 2010

2. the original estimated date of completion;

The tank was installed and placed in service on January 26, 2011.

3. the current estimated date of completion and/or the actual date of completion;

The installation of the tank was completed and placed in service on January 26, 2011. Prior to placing into service all bacteriological samples were taken and found to be negative.

DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Complete, only DEP notification was required

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

\$32,658 includes capital administration and overhead costs

The costs expended as of January 31, 2011 is \$28,257.59.

AUF is waiting for the final bills from the contactor and testing laboratory.

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Ocala Oaks tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank, and the recommendation of the inspection report, the tank was scheduled for replacement.

Rosalie Oaks - Hydropneumatic Tank Replacement
(previously identified as Ocala Oaks #2 this was a typo)

1. status of the addition;

The tank was installed and placed in service on February 8, 2011.

2. the original estimated date of completion;

The tank was installed and placed in service on February 8, 2011.

3. the current estimated date of completion and/or the actual date of completion;

The tank was installed and placed in service on February 8, 2011.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Complete, only DEP notification was required

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

\$39,439 includes capital administration and overhead costs

The costs expended as of January 31, 2011 is \$33,494.20.

AUF is waiting for the final bills from the contactor and testing laboratory.

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Rosalie Oaks tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

Lake Gibson Estates - Hydropneumatic Tank Replacement

1. status of the addition;

Construction is complete

2. the original estimated date of completion;

December 2007

3. the current estimated date of completion and/or the actual date of completion;

Complete

The tank was installed and placed in service on November 2, 2010. Prior to placing into service all bacteriological samples were taken and found to be negative. DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Tank has been placed into service

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

The costs expended as of January 31, 2011 is \$78,877.04.

8. the amount expended as of April 30, 2010 if the addition is not complete;

Project complete

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Lake Gibson tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

Piney Woods - Hydropneumatic Tank Replacement

1. status of the addition;
Construction is complete
2. the original estimated date of completion;
June 2010
3. the current estimated date of completion and/or the actual date of completion;
Complete
Completion date of April 29, 2010. Prior to placing into service all bacteriological samples were taken and found to be negative. DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
Complete
6. the status of the bidding process;
Complete
7. the actual cost to complete the addition;
The costs expended as of January 31, 2011 is \$29,927.65.
8. the amount expended as of April 30, 2010 if the addition is not complete;
Project complete

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Piney Woods tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

48 Estates - Hydropneumatic Tank Replacement

1. status of the addition;
Construction is complete
2. the original estimated date of completion;
June 2010
3. the current estimated date of completion and/or the actual date of completion;
Complete
Completion date of May 27, 2010. Prior to placing into service all bacteriological samples were taken and found to be negative. DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
Complete
6. the status of the bidding process;
Complete
7. the actual cost to complete the addition;
The costs expended as of January 31, 2011 is \$21,253.18.
8. the amount expended as of April 30, 2010 if the addition is not complete;
Project complete

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The 48 Estates tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

Ravenswood - Hydropneumatic Tank Replacement

1. status of the addition;

Construction is complete

2. the original estimated date of completion;

June 2010

3. the current estimated date of completion and/or the actual date of completion;

Complete

Completion date of May 25, 2010. Prior to placing into service all bacteriological samples were taken and found to be negative. DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Complete

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

The costs expended as of January 31, 2011 is \$23,173.48.

8. the amount expended as of April 30, 2010 if the addition is not complete;

Project complete

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Ravenswood tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

Arredondo Estates - Hydropneumatic Tank Replacement

1. status of the addition;
Tank was ordered during the month of August 2010
2. the original estimated date of completion;
Original - December 2010
Revised - February 28, 2011
3. the current estimated date of completion and/or the actual date of completion;
The tank fabrication is completed and Oxford Pipeline has pick up the tank from the fabricator.
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
Complete, only DEP notification is required
6. the status of the bidding process;
Complete
7. the actual cost to complete the addition;
\$59,862 includes capital administration and overhead costs
The costs expended as of January 31, 2011 is \$52,282.98.
8. the amount expended as of April 30, 2010 if the addition is not complete;
None

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Arredondo Estates tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report the tank, was scheduled for replacement.

The Woods - Hydropneumatic Tank Replacement

1. status of the addition;

Construction is complete

2. the original estimated date of completion;

June 2010

3. the current estimated date of completion and/or the actual date of completion;

Complete

Completion date of April 29, 2010. Prior to placing into service all bacteriological samples were taken and found to be negative. DEP was notified when the tank was taken out of service and again when placed into service. All samples results have been communicated to DEP.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Complete

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

The costs expended as of January 31, 2011 is \$26,580.54.

8. the amount expended as of April 30, 2010 if the addition is not complete;

Project complete

This pro forma item is directly attributable to Aqua complying with the DEP rule requiring all hydropneumatic tanks to be inspected every 5 years. The Woods tank inspection revealed the tanks integrity was in question and the inspection report recommended the tank be replaced. Based on the age, condition of the tank and the recommendation of the inspection report, the tank was scheduled for replacement.

Tangerine – Looping Project

1. status of the addition;
Construction is complete
2. the original estimated date of completion;
December 31, 2010
3. the current estimated date of completion and/or the actual date of completion;
Construction complete as of September 29, 2010.
DEP issued all clearance approvals as of December 10, 2010.
4. identification of any plant additions carried over from 2008 and/or 2009;
This project started in Fall of 2009 and AUF spent \$31,315 in capital investment.
5. the status of the engineering and permitting efforts;
Project is complete and the new facilities have been placed into service
6. the status of the bidding process;
Complete
7. the actual cost to complete the addition;
AUF is currently waiting to receive the final invoices
During construction, it was determined that additional piping was needed. The cost increased with the scope of work.
The costs expended as of January 31, 2011 is \$127,563.97.
8. the amount expended as of April 30, 2010 if the addition is not complete;
Project is complete

This project was necessary due to address water quality and pressure concerns. In addition dead end lines were looped during this project. This project was part of AUF's Secondary Water Quality Project.

Sunny Hills - Connect Well #4 to plant #1 storage facilities

1. status of the addition;

The permit applications have been executed and the preliminary design is complete

2. the original estimated date of completion;

April 2011

3. the current estimated date of completion and/or the actual date of completion;

April 14, 2011

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Currently being designed my Hatch-Mott MacDonald.

The project has received the construction permit from DEP.

6. the status of the bidding process;

Currently being designed my Hatch-Mott MacDonald.

The bid package has been sent to several contractors and bids and was received on February 16, 2011.

7. the actual cost to complete the addition;

\$60,000 includes capital administration and overhead costs

The costs expended as of January 31, 2011 is \$6,743.74.

8. the amount expended as of April 30, 2010 if the addition is not complete;

\$0.00

This construction was identified and required by DEP Consent Order OGC File No 10-2288-67PW . This was a direct DEP requirement due to the fact that if well # 1 is down, the system does not have adequate required storage under the current design which was installed by the previous owner.

Sunny Hills - Additional Storage Facilities

1. status of the addition;

The study to determine how much storage is required has been completed by Hatch-Mott MacDonald.

2. the original estimated date of completion;

April 2011

3. the current estimated date of completion and/or the actual date of completion;

June 14, 2011

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Hatch-Mott MacDonald has provided a proposal for completing the design and permitting for the required additional storage.

6. the status of the bidding process;

Currently being designed by Hatch-Mott MacDonald.

7. the actual cost to complete the addition;

\$120,000 includes capital administration and overhead costs

8. the amount expended as of April 30, 2010 if the addition is not complete;

\$0.00

This construction was identified and required by DEP Consent Order OGC File No 10-2288-67PW . On December 2, 2010, AUF and FDEP executed a consent order for this system which addresses ground storage capacity, system configuration and other issues. AUF has complied with all terms and timelines in the consent order. AUF fully expects to complete the storage tank project this year.

This was a direct DEP requirement due to the fact that if well # 1 is down, the system does not have adequate required storage under the current design which was installed by the previous owner.

Jungle Den - Sewer I and I

1. status of the addition;
Complete
2. the original estimated date of completion;
December 2010
3. the current estimated date of completion and/or the actual date of completion;
This project has been completed.
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
No permitting required for this project
6. the status of the bidding process;
AUF performed most of the work in-house with the assistance of Florida Rural Water Association and Utility Technicians
7. the actual cost to complete the addition;
**Currently we are waiting for invoices, approximately \$10,000 includes capital administration and overhead costs.
The costs expended as of January 31, 2011 is \$8,254.64.**
8. the amount expended as of April 30, 2010 if the addition is not complete;
Project complete

**This project is necessary to address the excessive amount of inflow and infiltration.
This project has decreased the amount of I&I throughout the system.**

Park Manor - I and I

1. status of the addition;
Project not started.
AUF has decided to defer this project after determining the I&I was not an issue.
2. the original estimated date of completion;
April 2011
3. the current estimated date of completion and/or the actual date of completion;
The I&I study is complete. AUF has decided to defer this project after determining the I&I was not an issue.
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
No permitting required for this project
6. the status of the bidding process;
Not started
7. the actual cost to complete the addition;
AUF has decided to defer this project after determining the I&I was not an issue.
8. the amount expended as of April 30, 2010 if the addition is not complete;
None

AUF has decided to defer this project after determining that I&I was not an issue in this system.

Breeze Hill - Sewer I and I

1. status of the addition;

Project just started

The sewer lines have been videoed and specific areas identified where the system has excessive I&I issues.

The repairs will be by installing liners in the areas where the I&I is an issue. The I&I will be addressed by these point repairs.

2. the original estimated date of completion;

December 2010

Revised date of completion March 31, 2011

3. the current estimated date of completion and/or the actual date of completion;

Revised date of completion is March 31, 2011

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

No permitting required for this project

6. the status of the bidding process;

This project is currently in the bidding process.

Quote from the 3 vendors identified who have experience in installing liners to repair I&I issues.

Quotes will be received by February 25, 2011.

7. the actual cost to complete the addition;

\$100,000

Just starting Project

The costs expended as of January 31, 2011 is \$10,303.66.

8. the amount expended as of April 30, 2010 if the addition is not complete;

Just starting Project

This project is necessary to address the excessive amount of inflow and infiltration. This project will decrease the amount of I&I throughout the system.

Arredondo Farms - WWTF Upgrades

1. status of the addition;
Complete
2. the original estimated date of completion;
December 2009
3. the current estimated date of completion and/or the actual date of completion;
September 2010
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
Project Complete
6. the status of the bidding process;
Project complete
7. the actual cost to complete the addition;
AUF is waiting receipt of final invoices –
The revised cost for the wastewater plant as of January 31, 2010 is
\$291,870.
8. the amount expended as of April 30, 2010 if the addition is not complete;
project complete

A warning letter was issued June 12, 2008 alleging effluent violations for AUF's wastewater system in Alachua County. It was determined during the permit renewal process that although the facility was permitted at 0.06 mgd its actual design capacity was no more than 0.045 mgd. The facility had been treating 0.044 mgd Annual Average Daily Flow and experienced peak days of 0.56 mgd. FDEP issued a two year permit which gave AUF time to design and construct improvements including a new head works, additional surge capacity, additional aeration volume and two digesters.

The construction was completed and FDEP issued a clearance letter on August 27, 2010.

This construction was required by DEP Permit file Number FLA011315-004-DW3P. This was a direct DEP requirement due to excessive spills and poor treatment due to the improper design of the plant installed by the previous owner.

Arredondo Farms - WWTF Upgrades - Pond Rehabilitation

1. status of the addition;
Complete
2. the original estimated date of completion;
Unexpected Capital Investment
3. the current estimated date of completion and/or the actual date of completion;
Completed
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
Project Complete
6. the status of the bidding process;
Project complete
7. the actual cost to complete the addition;
\$126,765
8. the amount expended as of April 30, 2010 if the addition is not complete;
project complete

During the construction, AUF inspected the percolation ponds, and similar to the ponds at Jasmine Lakes, it was determined the ponds needed to be restored to improve the percolation rates. There was concern if the pond restoration was not performed the ponds would not percolate as originally designed. There was considerable built up organics that were removed, the pond bottoms were graded and 1 foot of sand was spread across the bottoms.

Arredondo Farms - WWTF Upgrades - Sinkhole Stabilization

1. status of the addition;

Complete

2. the original estimated date of completion;

Unexpected Capital Investment

3. the current estimated date of completion and/or the actual date of completion;

Completed

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Project Complete

6. the status of the bidding process;

Project complete

7. the actual cost to complete the addition;

\$47,136.79

8. the amount expended as of April 30, 2010 if the addition is not complete;

project complete

Also, during the construction activity, the contractor made AUF aware there could be a sink hole developing. AUF hired Devo Engineering to perform a site assessment and they determined there was in a sink hole. The sink hole was stabilized, however another sinkhole opened up. The second sink hole was stabilized.

Jasmine Lakes - Generator

1. status of the addition;
It has been decided to purchase a Wisper generator due to the facility being located in a residential area.
2. the original estimated date of completion;
December 2010
3. the current estimated date of completion and/or the actual date of completion;
Revised date of completion March 31, 2011
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
No permitting required for this project
6. the status of the bidding process;
Because the generator is a Wisper type we will be receiving quotes rather than bidding the unit. See attached quote.
7. the actual cost to complete the addition;
\$50,000
8. the amount expended as of April 30, 2010 if the addition is not complete;
None

This project was necessary for reliability and to address concerns around a lift station located adjacent to a water canal.

Jasmine Lakes - weir and walkway replacement

1. status of the addition;

Not Started

We have decided to defer this project after determining the walkways did not need replacing but sandblasting, painting and spot repairs.

2. the original estimated date of completion;

December 2010

3. the current estimated date of completion and/or the actual date of completion;

N/A

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

No permitting required for this project

6. the status of the bidding process;

Not Started

7. the actual cost to complete the addition;

AUF have decided to defer this project after determining the walkways did not need replacing but sandblasting, painting and spot repairs.

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This project was necessary due to corroded wiers and walkways. This is safety issue that is required to be addressed. AUF have decided to defer this project after determining the walkways did not need replacing but sandblasting, painting and spot repairs.

Lake Suzy - Air Headers and Surge Tank

1. status of the addition;
Currently being constructed
2. the original estimated date of completion;
December 2010
3. the current estimated date of completion and/or the actual date of completion;
Completed
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
No permitting required for this project
6. the status of the bidding process;
Bidding is complete
7. the actual cost to complete the addition;
AUF is waiting for final invoices.
The costs expended as of January 31, 2011 is \$141,694.82.
8. the amount expended as of April 30, 2010 if the addition is not complete;
\$33,929.25

This project was necessary due to the condition of the plant items (headers and surge tank) being corroded due to age.

Tomoka View and Twin Rivers – Storage Tank Liners

1. status of the addition;
2. the original estimated date of completion;
December 2010
3. the current estimated date of completion and/or the actual date of completion;
The current estimated date of completion is March 30, 2011
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
No permit required
6. the status of the bidding process;
The project was bid. (see attached bid), but due to the delays the contractor would only guarantee the bids for 60 days. AUF is soliciting a revised quote from the contractor we awarded the contract.
7. the actual cost to complete the addition;
Project not complete - Estimated Cost is \$70,000
8. the amount expended as of April 30, 2010 if the addition is not complete;
\$0.00

This project was identified in the Volusia County Department of Health (VCHD) Non-compliance letter from VCHD dated February 2, 2010.

This project is necessary due the VCHD non-compliance letter and due to the age and condition of the concrete block tank. The concrete was not coated by the previous owner and exposed to corrosive chlorine contact. The project has been slightly delayed due to Volusia County requiring engineering documents detailing the installation of the temporary hydropneumatic tank the contactor will be installing.

Lake Suzy - Fire Flow

1. status of the addition;
Project currently in design
2. the original estimated date of completion;
December 2010
3. the current estimated date of completion and/or the actual date of completion;
Revised date of completion May 30, 2011
4. identification of any plant additions carried over from 2008 and/or 2009;
None
5. the status of the engineering and permitting efforts;
AUF is working with the hydraulic model to determine the most reasonable and cost effective solution. The two studies indicate replacement of lines at a cost of approximately \$500,000. AUF is analyzing several alternatives.
6. the status of the bidding process;
Project currently is in design. The engineering department has completed a hydraulic analysis of the system to determine areas in which the distribution system needs upgrades or dead end lines need to be interconnected.
7. the actual cost to complete the addition;
Project not complete - Estimated Cost is \$65,000
8. the amount expended as of April 30, 2010 if the addition is not complete;

This project is necessary to address and meet the De Soto County Fire Marshall's requirement.

Lake Josephine / Sebring - Secondary Water Quality

1. status of the addition;

Design has been awarded and AUF is finalizing contracts

2. the original estimated date of completion;

April 2011

3. the current estimated date of completion and/or the actual date of completion;

The revised date of completion is May 30, 2011.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Kimley Horn and AdEdge are finalizing the design and preparing the DEP permit package. A December meeting with DEP was held to discuss the project and make them aware of the pending permit package.

6. the status of the bidding process;

Bidding for the site-work is not started. However, documents on cost of contract with manufacturer on the equipment costs have been provided. Also, the contract on the design work has been provided.

7. the actual cost to complete the addition;

\$300,000

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This project is part of AUF's secondary aesthetics project and is necessary to address the naturally occurring sulfur content in the water.

The Highlands county systems, Lake Josephine, Sebring Lakes, and Leisure Lakes systems are part of AUF's secondary aesthetics water project. AUF and OPC have met with the customers of these systems to discuss the efforts being made to address the aesthetic water concerns. AUF has explained that these issues revolve around the level of sulfur in the water supply. AUF has proposed and is actively pursuing the installation of an AdEdge filtering system to remove the sulfur content.

Currently, AdEdge is constructing the filters for the treatment system, and AUF and its engineers have had a pre-submittal meeting with FDEP to inform the agency that a permit filing is forthcoming.

Leisure Lakes - Secondary Water Quality

1. status of the addition;

Design has been awarded and we are finalizing contracts

2. the original estimated date of completion;

April 2011

3. the current estimated date of completion and/or the actual date of completion;

The revised date of completion is May 30, 2011.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Kimley Horn and AdEdge are finalizing the design and preparing the DEP permit package. A December meeting with DEP was held to discuss the project and make them aware of the pending permit package.

6. the status of the bidding process;

7. **Bidding for the site-work is not started. However, documents on cost of contract with manufacturer on the equipment costs have been provided. Also, the contract on the design work has been provided.**

8. the actual cost to complete the addition;

\$150,000

9. the amount expended as of April 30, 2010 if the addition is not complete;

None

This project is part of AUF's secondary aesthetics project and is necessary to address the naturally occurring sulfur content in the water.

The Highlands county systems, Lake Josephine, Sebring Lakes, and Leisure Lakes systems are part of AUF's secondary aesthetics water project. AUF and OPC have met with the customers of these systems to discuss the efforts being made to address the aesthetic water concerns. AUF has explained that these issues revolve around the level of sulfur in the water supply. AUF has proposed and is actively pursuing the installation of an AdEdge filtering system to remove the sulfur content.

Currently, AdEdge is constructing the filters for the treatment system, and AUF and its engineers have had a pre-submittal meeting with FDEP to inform the agency that a permit filing is forthcoming.

For the Leisure Lakes water system in Highlands county, water quality has been an ongoing concern with the customers. Specifically, in Commission Order No. 96-1320-FOF-WS, issued October 30, 1996, the Commission found: "Significant amounts of sulfides can also arise when homeowners are absent for a period of time."

"Improvement of the overall condition of the water treatment plant equipment must also be undertaken."

Village Water - Effluent Disposal

1. status of the addition;

Pursuant to the consent order, AUF is obligated to identify alternative disposal options for the effluent by May 2011. Before identifying a viable solution, AUF explored a number of potential options including connecting with Polk County and the City of Lakeland for effluent disposal. Although AUF has had multiple meetings with the City of Lakeland and Polk County officials, it could not overcome the political, engineering, high cost challenges of delivering the treated effluent to either entity.

Following those efforts, AUF has now identified a viable solution for effluent reuse and is negotiating an agreement with a nearby property owner. AUF expects the site will accommodate all of the treated effluent and has drafted a proposed 20 year agreement for the use of the land.

Currently AUF is having a hydraulic analysis performed on the property, and a engineering design for the spray field layout and permitting package. These contracts have been provided.

It is expected to have the hydraulic analysis by February 28, 2011 for review.

2. the original estimated date of completion;

April 2011

3. the current estimated date of completion and/or the actual date of completion;

May 30, 2011

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Not Started – should be submitted within two months

6. the status of the bidding process;

Not Started

7. the actual cost to complete the addition;

\$250,000

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

The project is identified by FDEP in Consent order OGC File No 06-2358. This project is required by DEP to address the appropriate effluent disposal. Pursuant to the consent order, AUF is obligated to identify alternative disposal options for the effluent by May 2011. AUF has now identified a viable solution for effluent reuse and is negotiating an

agreement with a nearby property owner. AUF expects the site will accommodate all of the treated effluent and has drafted a proposed 20 year agreement for the use of the land. AUF has also engaged Andreyev Engineering Inc. to conduct and analyze soil borings and BESH Engineering Inc. to design and permit the spray field. AUF anticipates having the spray field operational by November 2011. Meanwhile, AUF has installed monitoring wells around the percolation ponds and is monitoring in accordance with consent Order. To date, that monitoring has revealed no adverse impacts.

Peace River - Gross Alpha Treatment

1. status of the addition;

Completed Pilot Study.

The engineering department is preparing to design a utilizing a WRT treatment unit. This was successful in other states in which Aqua had gross alpha issues. Along with the treatment the design will include storage capacity.

2. the original estimated date of completion;

April 2011 – If additions are required

3. the current estimated date of completion and/or the actual date of completion;
Revised date of completion is December 2011.

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

Not Started

6. the status of the bidding process;

Not Started

7. the actual cost to complete the addition;

\$50,000 (this will need to be increased if full treatment is required)

The costs expended as of January 31, 2011 is \$9,282.12.

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This is directly required by DEP to address Radium 226 exceedance which occurred in this system. AUF is currently under a monitoring program and is determining the appropriate treatment. AUF met with FDEP staff on November 9, 2009 to discuss the warning letter regarding an alleged gross alpha exceedance. FDEP issued a Consent Order requiring special bi-monthly sampling for Gross Alpha and Combined Radium for two years. The Consent Order set a trigger for implementation of treatment if two of twelve individual test results exceeded the trigger.

AUF signed the consent order on June 24, 2010. AUF has been performing the required bi-monthly monitoring while also conducting a pilot study with ion exchange for radium treatment. The pilot testing has been completed and demonstrated that the treatment would work if the conditions of the Consent Order are triggered requiring installation of treatment. AUF is proceeding with preliminary design for treatment

so that plans can be filed expeditiously if the trigger is exceeded. Part of the engineering evaluation has been the installation of a flow chart recorder to gather information on system demand to optimize the sizing of treatment, storage and pumps if treatment is needed.

South Seas - Reject and Surge Tank Replacement - Reuse

1. status of the addition;

The 4 tanks have been constructed and 2 are in service. The contractor has installed the stairway to the top of the tanks and to complete construction will be installing the air defusers.

2. the original estimated date of completion;

December 2010

3. the current estimated date of completion and/or the actual date of completion;

March 1, 2011

4. identification of any plant additions carried over from 2008 and/or 2009;

None

5. the status of the engineering and permitting efforts;

No permitting required

6. the status of the bidding process;

Complete

7. the actual cost to complete the addition;

\$400,000

The costs expended as of January 31, 2011 is \$337,727.72.

8. the amount expended as of April 30, 2010 if the addition is not complete;

None

This project is necessary to address the aging surge and reject tanks. This is required to meet DEP standards and to replace the aged tanks due to their condition.

AUF received a warning letter on February 25, 2010 regarding a leak at the facility's reject storage tanks, which AUF had previously reported to the FDEP. FDEP issued a proposed draft Consent Order to replace the tanks and make other upgrades. That Consent Order has not been finalized, but AUF has replaced all four storage tanks at a cost of over \$400,000.

Three out of the four storage tanks are directly related to the reuse that is being supplied to the adjacent golf course. As such, this is reuse related plant improvements.

LETTER OF TRANSMITTAL

P.O. Box 2480
Lady Lake, FL 32158-2480
Phone: (352) 674-2860
Fax: (352) 674-2862

TO:
TO: Troy Rendell

Aqua Utilities Florida, Inc.

2228 Capital Circle, N.E., Suite 2A

Tallahassee, FL 32308

DATE: January 14, 2011	JOB NO:
Project: Info for Rate Case	

WE ARE SENDING YOU

<input type="checkbox"/> Shop drawings	<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Under separate cover via _____ the following items:
<input type="checkbox"/> Copy of letter	<input type="checkbox"/> Prints	<input type="checkbox"/> Plans
	<input type="checkbox"/> Change order	<input type="checkbox"/> Samples
		<input type="checkbox"/> Specifications
		<input type="checkbox"/> Email

COPIES	DESCRIPTION
1 each	Lake Gibson HPT – AUF check to Polk Co. Health Dept, FDEP Certification of Construction Complete & Request for Clearance, and Bacteriological samples for HPT clearance
1	Zephyr Shores WTP – Polyphosphate Addition FDEP Application from CPH – Notice of Intent to use the General Permit for Construction of Lead or Copper corrosion n Control, or Iron or Manganese Sequestering, Treatment Facilities for Small or Medium PWs with the Preliminary Engineering Report
1	The Woods Hydro-pneumatic tank replacement – Notification letter to FDEP dated 3/25/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The Piney Woods Hydro-pneumatic tank replacement – Notification letter to FDEP dated 3/25/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The Ravenswood Hydro-pneumatic tank replacement – Notification letter to FDEP dated 3/25/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The 48 Estates Hydro-pneumatic tank replacement – Notification letter to FDEP dated 3/25/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The Ocala Oaks #1 Hydro-pneumatic tank replacement – Notification letter to FDEP dated 12/27/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The Arredondo Estates Hydro-pneumatic tank replacement – Notification letter to FDEP dated 12/27/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	The Rosalie Oaks Hydro-pneumatic tank replacement – Notification letter to FDEP dated 12/27/10 with attached Inspection Report, Sanitary Survey and Shop Drawing
1	Tangerine Subdivision – FDOT Utility Permit, Orange County Underground Utility Pipeline Construction Permit, Notice of Use of General Permit for Tangerine S/D (WD48-0080758-012), Certification of Construction, Certification of Construction completion and Request for Clearance to Place Permitted PWS Components into Operation, Bacteriological test results, sketch of deviations from original design, letter dated 11/2/10 to Cary Padel at FDEP for submittal of the record drawings, Notice of Use of General Permit for Tangerine S/D (WD48-0080758-012), FDEP letter dated 11/5/10 acknowledging receipt of certification for WD48-0080758-012, Record Drawings for Tangerine Subdivision Proposed Improvements /Scott Ave & Section St (Sheet C5)

1	Tangerine WTP – Sequestering Clearance Application letter from CPH dated 4/5/10, Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation, FDEP Permit WC48-0080758-011, Notice of Permit Issuance, FDEP letter dated 6/4/10 acknowledging receipt of certification for WD48-0080758-011
1	Arredondo Farms MHP WWTF – FDEP Domestic Wastewater Permit FLA 011315-005, Permit Application Form 1, Permit Application Form 2A, Arredondo Farms WWTF Treatment Plant Improvements Cover Sheet
1	Western Shores Hypochlorination Conversion – Permit WC35-0161019-005, Notice of Permit Issuance, Cover Sheet of Plans by BOYD Environmental Engineering, Inc. dated October 2008
1	Silver Lake Estates Hypochlorination Conversion – transmittal letter to Kyle Kubanek at FDEP dated 12/31/09, Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation with attached Exhibit I, Enclosure A Bacteriological Sample Results, Enclosure B Copy of FDEP construction Permit, Enclosure C Record Drawings, Permit WC35-0080523-009, and Cover Sheet of Record Drawings
1	Lake Rosalie Oaks – transmittal letter from BESH dated 12/10/09 and 11x17 copy of survey dated 12/10/09
1	Tomoka View Estates Water Main Replacement transmittal letter from BESH dated 12/12/09 with attached Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation with attached Bacteriological test results, letter dated 8/18/09 from Volusia County Department of Health stating no objection to using a general permit, reduced copy of water main replacement plans by BESH
1	Tomoka View WTP – Aqueous Ammonia System Department of Health Permit 0190368-005-WC/M1
1	Zephyr Shores Iron Sequestering – Aqua transmittal letter dated 3/9/10 with attached Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation, General Permit for Construction of Water Main Extensions for Public Water Systems FDEP Permit No. 0282237-002-DSGP, transmittal letter by CPH dated 12/14/09 to FDEP Water Permitting with attached Notice of Intent to use the General Permit for Construction of Lead or Copper corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium PWSs with attached explanations, Preliminary Engineering Report

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| <input type="checkbox"/> For approval | <input type="checkbox"/> No Exceptions | <input type="checkbox"/> Amend and Resubmit |
| <input checked="" type="checkbox"/> For your use | <input type="checkbox"/> Make Corrections | <input type="checkbox"/> Submit ___ copies for distribution |
| <input type="checkbox"/> As requested | <input type="checkbox"/> Rejected | <input type="checkbox"/> Return ___ corrected prints |
| <input type="checkbox"/> For review and comment | <input type="checkbox"/> | |
| <input type="checkbox"/> FOR BIDS DUE ON: | <input type="checkbox"/> PRINTS RETURNED AFTER LOAN TO US | |

REMARKS:

COPY TO:

File



SIGNED

Tricia Williams – Utility Engineer

If enclosures are not as noted, kindly notify us at once.