

Aqua Utilities Florida, Inc.

Docket No. 060368-WS

Application to Increase Rates and Charges
For a "Class A" Utility
In

Florida

VOLUME 6

Book 2A

Containing
Additional Engineering Schedules

Department of Environmental Protection Permits- Sewer Systems

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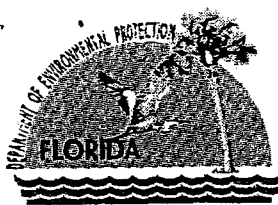
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Aqua Utilities Florida, Inc.
Department of Environmental Protection Permits
Sewer Systems- Part A

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Jeb Bush
Governor

Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

January 27, 2003

IAN 30 2003

In the Matter of an
Application for Permit by:

Mr. Glenn LaBrecque,
Southeast Regional Vice President
AquaSource Utility, Inc.
6960 Professional Parkway, Suite 400
Sarasota, Florida 34240

Permit Number FLA011315
Project Number FLA011315-001-DW3P
Arredondo Farms Mobile Home Park WWTF
Alachua County

NOTICE OF ISSUANCE OF PERMIT

Enclosed is Permit Number FLA011315 to operate the Arredondo Farms Wastewater Treatment Facility (WWTF), an existing 0.060 million gallons per day (mgd) annual average daily flow (AADF) permitted capacity activated sludge wastewater treatment facility (WWTF) consisting of a splitter box, six 5,000-gallon aeration basins for a total aeration volume of 30,000 gallons, two 7,412-gallon clarifiers for a total clarifier volume of 14,824 gallons, a 2,244-gallon chlorine contact chamber, and a 1,500-gallon digester. The WWTF shall be operated in the extended aeration process mode for average daily flows of less than 0.030 mgd and in the conventional activated sludge process mode for average daily flows from 0.030 mgd through 0.060 mgd. Effluent is disposed of in a rapid-rate infiltration basin. Residuals are taken to the Central Process Residuals Management Facility (RMF) in Ocala, Florida. The permit is issued under Chapter 403, Florida Statutes, and Chapters 62-4, 62-600, 62-601, 62-610, 62-620, 62-640, and 62-699, Florida Administrative Code.

The proposed agency action of the Department shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision of the Department may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

FEB - 3 2003

"More Protection, Less Process"

Printed on recycled paper.

Mr. Glenn LaBrecque, Southeast Regional Vice President
AquaSource Utility, Inc.
Arredondo Farms Mobile Home Park WWTF
January 27, 2003

Under Rule 62-110.106(4), Florida Administrative Code, a person may request enlargement of the time for filing a petition for an administrative hearing. The request must be filed (received by the clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for enlargement of time within fourteen days of receipt of notice shall constitute a waiver of right of that person to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the action of the Department is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the representative of the petitioner, if any; the Department Permit Number FLA011315, and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how the substantial interests of each petitioner are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Mr. Glenn LaBrecque, Southeast Regional Vice President
AquaSource Utility, Inc.
Arredondo Farms Mobile Home Park WWTF
January 27, 2003

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the final action of the Department may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (that is, the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by Rule 28-106.404, Florida Administrative Code. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in Section 120.573, Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, Florida Statutes, for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57, Florida Statutes. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, Florida Statutes, remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition (or request for enlargement of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for enlargement of time) this permit will not be effective until further order of the Department.

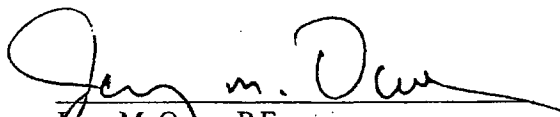
Mr. Glenn LaBrecque, Southeast Regional Vice President
AquaSource Utility, Inc.
Arredondo Farms Mobile Home Park WWTF
January 27, 2003

Any party to this permit has the right to seek judicial review under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days from the date when this permit is filed with the clerk of the Department.

Executed in Jacksonville, Florida.

DPW
RAL

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jerry M. Owen, P.E.
Water Facilities Administrator

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were sent before the close of business on the 28th day of JANUARY 2003 to the listed persons and organizations.

Judith H. Dawson
Name

1/28/03
Date

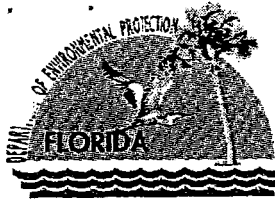
Enclosure - Draft Permit

Copies sent to:

- Jeff Streitmatter, III, P.E., Kimley-Horn and Associates, Inc., Sarasota
- Alachua County Environmental Protection Department, Gainesville
- Alachua County Health Department
- Chairperson, Alachua County Commission
- Elsa Potts, Water Resource Management, FDEP, Tallahassee
- Charles "Chip" Collett, Office of General Counsel, Tallahassee
- Domestic Wastewater Section, Central District Office, Orlando
- Azeem Syed, Gainesville Branch Office, Gainesville

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to S120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Judith H. Dawson 1/28/03
Clerk Date



Department of Environmental Protection

Jeb Bush
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

| | | |
|--------------------------|-------------------------|--------------------|
| PERMITTEE: | PERMIT NUMBER: | FLA011315 |
| AquaSource Utility, Inc. | PROJECT NUMBER: | FLA011315-001-DW3P |
| | ISSUANCE DATE: | January 27, 2003 |
| | EXPIRATION DATE: | January 26, 2008 |

RESPONSIBLE AUTHORITY:

Mr. Glenn LaBrecque,
Southeast Regional Vice President
AquaSource Utility, Inc.
6960 Professional Parkway, Suite 400
Sarasota, Florida 34240
941-907-7400

FEB - 3 2003

FACILITY:

Arredondo Farms Mobile Home Park WWTF
7117 Southwest Archer Road
Gainesville, Florida 32608
Alachua County
Latitude 29° 35' 50" North and Longitude 82° 25' 25" West

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.060 million-gallons-per-day (mgd) annual average daily flow (AADF) permitted capacity activated sludge wastewater treatment facility (WWTF) consisting of a splitter box, six 5,000-gallon aeration basins for a total aeration volume of 30,000 gallons, two 7,412-gallon clarifiers for a total clarifier volume of 14,824 gallons, a 2,244-gallon chlorine contact chamber, and a 1,500-gallon digester. The WWTF shall be operated in the extended aeration process mode for average daily flows of less than 0.030 mgd and in the conventional activated sludge process mode for average daily flows from 0.030 mgd through 0.060 mgd. Residuals are taken to the Central Process Residuals Management Facility (RMF) in Ocala, Florida.

REUSE:

Land Application: An existing 0.060 mgd AADF permitted capacity rapid infiltration basin system (R-001). R-001 consists of a Part IV rapid-rate land application system located approximately at latitude 29° 35' 50" North and longitude 82° 25' 25" West.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in pages 1 through 18 of this permit.

PERMITTEE: AquaSource Utility, Inc.
 FACILITY: Arredondo Farms Mobile Home Park WWTF

PERMIT NUMBER: FLA011315
 PROJECT NUMBER: FLA011315-001-DW3P
 ISSUANCE DATE: January 27, 2003
 EXPIRATION DATE: January 26, 2008

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. EXTENDED AERATION. During the period beginning on the issuance date and lasting through the expiration date of this permit when the facility is operating in the extended aeration process mode with average daily flows of 0.030 mgd and less, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|------------|---------|-------------------------------|--------------------|----------------|---------------|---------------------------|---------------------|---------------------------------|--------------------------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow | mgd | Maximum | 0.030 | Report | - | - | Daily, five days per week | Elapsed time meters | EFA-1 | See Conditions I. A. 3. and I. A. 5. |
| BOD, Carbonaceous, five-day, 20° C | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| Solids, Total Suspended | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| pH | S. U. | Range | - | - | - | 6.0 to 8.5 | Daily, five days per week | Grab | EFA-1 | |
| Coliform, Fecal | # / 100 mL | Maximum | See Permit Condition I. A. 6. | | | | Monthly | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | mg/L | Minimum | - | - | - | 0.5 | Daily, five days per week | Grab | EFA-1 | See Condition I. A. 7. |
| Nitrogen, Nitrate, Total (as N) | mg/L | Maximum | - | - | - | 12.0 | Monthly | Grab | EFA-1 | |
| Percent Capacity (TMADF / Permitted Capacity) x 100, | Percent | Maximum | - | Report (Mo. Total) | - | - | Monthly | Calculated | CAL-1 | |

PERMITTEE: AquaSource Utility, Inc. PERMIT NUMBER: FLA011315
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2. CONVENTIONAL ACTIVATED SLUDGE. During the period beginning on the issuance date and lasting through the expiration date of this permit when the facility is operating in the conventional activated sludge process mode with average daily flows of greater than 0.030 mgd to 0.060 mgd, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Reclaimed Water Limitations | | | | | | Monitoring Requirements | | | | | |
|--|------------|---------|-------------------------------|--------------------|----------------|-------------------------|---------------------------|---------------------|---------------------------------|--------------------------------------|--|
| Parameter | Units | Max/Min | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes | |
| Flow | mgd | Maximum | 0.060 | Report | - | - | Daily, five days per week | Elapsed time meters | EFA-1 | See Conditions I. A. 3. and I. A. 5. | |
| BOD, Carbonaceous, five-day, 20° C | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Weekly | Grab | EFA-1 | | |
| Solids, Total Suspended | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Weekly | Grab | EFA-1 | | |
| pH | S. U. | Range | - | - | - | 6.0 to 8.5 | Daily, five days per week | Grab | EFA-1 | | |
| Coliform, Fecal | # / 100 mL | Maximum | See Permit Condition I. A. 6. | | | | - | Weekly | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | mg/L | Minimum | - | - | - | 1.0 | Daily, five days per week | Grab | EFA-1 | See Condition I. A. 7. | |
| Nitrogen, Nitrate, Total (as N) | mg/L | Maximum | - | - | - | 12.0 | Weekly | Grab | EFA-1 | | |
| Percent Capacity (TMADF / Permitted Capacity) x 100. | Percent | Maximum | - | Report (Mo. Total) | - | - | Monthly | Calculated | CAL-1 | | |

PERMITTEE: AquaSource Utility, Inc. PERMIT NUMBER: FLA011315
 FACILITY: Arredondo Farms Mobile Home Park WWTF PROJECT NUMBER: FLA011315-001-DW3P
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- When the average daily flow as quantified by any five consecutive daily flow measurements exceeds 0.030 mgd, the mode of operation shall be changed to the conventional activated sludge process.

When the facility is operated in the conventional activated sludge process mode and the average daily flow as quantified by any five consecutive daily flow measurements is 0.030 mgd or less, the mode of operation shall be changed to the extended aeration process.

- Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| MONITORING LOCATION SITE NUMBER | DESCRIPTION OF MONITORING LOCATION |
|---------------------------------|--|
| EFA-1 | Effluent After disinfection and prior to discharge |
| CAL-1 | Calculated value |

- Elapsed time meters shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
- The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of ten samples of reclaimed water, each collected on a separate day during a period of thirty consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of thirty consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for thirty samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.510] [62-600.440(4)(c)]
- When the facility is operated in the extended aeration process mode, a minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow.

When the facility is operated in the conventional activated sludge process mode, a minimum of 1.0 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow.

[62-610.510] [62-600.440(4)(b)]

- When a year of continuous operation as a conventional activated sludge process without violations can be documented, the permittee may submit DEP Form 62-620.910(9), Application for Minor Revision to a Wastewater Facility or Activity Permit, together with the application fee, for the reduction of the frequency of monitoring.

PERMITTEE: AquaSource Utility, Inc.
 FACILITY: Arredondo Farms Mobile Home Park WWTF

PERMIT NUMBER: FLA011315
 PROJECT NUMBER: FLA011315-001-DW3P
 ISSUANCE DATE: January 27, 2003
 EXPIRATION DATE: January 26, 2008

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | Notes |
|------------------------------------|-------|---------|----------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | |
| BOD, Carbonaceous, five-day, 20° C | mg/L | Maximum | - | Report | - | - | Monthly | Grab | INF-1 | |
| Solids, Total Suspended | mg/L | Maximum | - | Report | - | - | Monthly | Grab | INF-1 | |

PERMITTEE: AquaSource Utility, Inc. PERMIT NUMBER: FLA011315
 FACILITY: Arredondo Farms Mobile Home Park WWTF PROJECT NUMBER: FLA011315-001-DW3P
 ISSUANCE DATE: January 27, 2003
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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1. and as described below:

| MONITORING LOCATION SITE NUMBER | DESCRIPTION OF MONITORING SITE |
|---------------------------------|--------------------------------|
| INF-1 | Influent prior to treatment |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with Title 40 of the Code of Federal Regulation Part 136 (cited as "40 CFR 136"). Parameters which must be monitored as a result of a ground water discharge (that is, underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Northeast District Office of the Department DEP Form 62-620.910(10), Discharge Monitoring Report (DMR), in accordance with the frequencies specified by the REPORT type (that is, monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMRs attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT TYPE | MONITORING PERIOD | DUE DATE |
|---------------------|--|-----------------------------|
| Monthly or Toxicity | first day of month – last day of month | 28th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR(s) and shall submit the completed DMR(s) to the Northeast District Office of the Department at the address specified in Permit Condition I. B. 7. by the twenty-eighth day of the month following the month of operation.

[62-620.610(18)] [62-601.300(1), (2), and (3)]

| | | | |
|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

7. Unless specified otherwise in this permit, all reports and other information required by this permit, including twenty-four-hour notifications, shall be submitted to or reported to, as appropriate, the Northeast District Office of the Department at the address specified below:

Northeast District Office
 Florida Department of Environmental Protection
 7825 Baymeadows Way, Suite B-200
 Jacksonville, Florida 32256-7590

Telephone Number - 904-807-3300
 FAX Number - 904-448-4366

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Central Process Residuals Management Facility (RMF), Ocala, Florida, Permit Number FLA010776, or disposal in a Class I or II solid waste landfill. *original*
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 and 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]

PERMITTEE: AquaSource Utility, Inc.

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6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| <u>SOURCE FACILITY</u> | <u>RESIDUALS MANAGEMENT FACILITY OR TREATMENT FACILITY</u> |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within twenty-four hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The annual average hydraulic loading rate to the rapid infiltration basins shall be limited to a maximum of 3.0 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The rapid infiltration basins normally shall be loaded for seven days and shall be rested for seven days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]

PERMITTEE: AquaSource Utility, Inc.

PERMIT NUMBER: FLA011315

FACILITY: Arredondo Farms Mobile Home Park WWTF

PROJECT NUMBER: FLA011315-001-DW3P

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5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and .414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Northeast District Office of the Department within twenty-four hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of an operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility when it is operated in the extended aeration process mode and is a Category II, Class C facility when it is operated in the conventional activated sludge process mode. At a minimum, operators with appropriate certification must be on the site as follows:

A Class C, or higher, operator 0.5 hour per day for five days per week and one visit each weekend. The lead operator must be a Class C, or higher, operator.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the treatment facility shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. Daily checks of the treatment facility shall be performed by the permittee or his representative or agent five days per week. On those days when the facility is not staffed by a certified operator, the permittee shall ensure that Flow, pH, Total Residual Chlorine (For Disinfection) are monitored in accordance with Part I of this permit. *[62-699.311(1)]*
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

| | | | |
|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to twenty-four-hour inspection; protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

This section is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using DEP Forms 62-620.910(1) and (2), Application Forms 1 and 2A, no later than 180 days prior to the expiration date of this permit. [62-620.410(5)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]

PERMITTEE: AquaSource Utility, Inc.

PERMIT NUMBER: FLA011315

FACILITY: Arredondo Farms Mobile Home Park WWTF

PROJECT NUMBER: FLA011315-001-DW3P

ISSUANCE DATE: January 27, 2003

EXPIRATION DATE: January 26, 2008

3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8)] [62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40° C.

[62-604.130(4)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.518(1)] [62-600.400(2)(b)]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a)]

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|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

9. The permittee shall provide adequate notice to the Department of the following:
- Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

- The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
- This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
- As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
- This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

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|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the premises of the permittee where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

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|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least sixty days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, 62-620.420, or 62-620.450, F.A.C., as applicable, at least ninety days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

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|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| | | PROJECT NUMBER: | FLA011315-001-DW3P |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within twenty-four hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

a. The following shall be included as information which must be reported within twenty-four hours under this condition:

1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
4. Any unauthorized discharge to surface or ground waters.

b. Oral reports as required by this subsection shall be provided as follows:

1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a. 4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WARNING POINT TOLL FREE NUMBER 800-320-0519, as soon as practical, but no later than twenty-four hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;

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|------------|---------------------------------------|------------------|--------------------|
| PERMITTEE: | AquaSource Utility, Inc. | PERMIT NUMBER: | FLA011315 |
| FACILITY: | Arredondo Farms Mobile Home Park WWTF | PROJECT NUMBER: | FLA011315-001-DW3P |
| | | ISSUANCE DATE: | January 27, 2003 |
| | | EXPIRATION DATE: | January 26, 2008 |

- i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1. above, shall be provided to the Department within twenty-four hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within twenty-four hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20. of this permit.
- [62-620.610(21)]

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least ten days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within twenty-four hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail report to: Department of Environmental Protection, Northeast District Office, 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590

PERMITTEE NAME: AquaSource Utility, Inc.
 MAILING ADDRESS: 6960 Professional Parkway, Suite 400
 Sarasota, Florida 34240

PERMIT NUMBER: FLA011315

LIMIT: Final
 CLASS SIZE: Minor

REPORT GROUP: Monthly Domestic

FACILITY: Arredondo Farms Mobile Home Park WWTP
 LOCATION: 7117 Southwest Archer Road
 Gainesville, Florida 32608

MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: **FOR FLOWS OF 0.030 MGD ADF AND LESS**

COUNTY: Alachua

NO DISCHARGE FROM SITE:

MONITORING PERIOD: From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|-------|--------------------------|-------|---------|---------------------------|--------------------|
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon. Site No. EFA-1 | Permit Requirement | 0.030 (An. Avg.) | mgd | | | | Daily, five days per week | Elapsed time meter |
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon. Site No. EFA-1 | Permit Requirement | Report (Mo. Avg.) | mgd | | | | Daily, five days per week | Elapsed time meter |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | Permit Requirement | | | 20.0 (An. Avg.) | mg/L | | Monthly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | Permit Requirement | | | 30.0 (Mo. Avg.) | mg/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | Permit Requirement | | | 20.0 (An. Avg.) | mg/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | Permit Requirement | | | 15.0 (Mo. Avg.) | mg/L | | Monthly | Grab |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A DRAFT (Continued)

FACILITY NAME: Arredondo Farms Mobile Home Park WWTF
 FOR FLOWS OF 0.030 MGD ADF AND LESS

PERMIT NUMBER: FLA011315
 MONITORING PERIOD

From: _____ To: _____
 MONITORING GROUP NUMBER: R-001

| Parameter | Sample Measurement | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|-------|--------------------------|------------|---------|---------------------------|-------------|
| pH | Sample Measurement | | | | | | | |
| PARM Code 00400 Mon. Site No. EFA-1 | Permit Requirement | | | 6.0 (Min.) | | | Daily, five days per week | Grab |
| | | | | 8.5 (Max.) | S. U. | | | |
| Coliform, Fecal | Sample Measurement | | | | | | | |
| PARM Code 74055 Mon. Site No. EFA-1 | Permit Requirement | | | 200 (Max. Avg.) | # / 100 mL | | Monthly | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | |
| PARM Code 74055 Mon. Site No. EFA-1 | Permit Requirement | | | 200 (Max. Geo. Mean) | # / 100 mL | | Monthly | Grab |
| | | | | 800 (Max.) | | | | |
| Total Residual Chlorine (For Disinfection) | Sample Measurement | | | | | | | |
| PARM Code 50060 Mon. Site No. EFA-1 | Permit Requirement | | | 2.0 (Min.) | mg/L | | Daily, five days per week | Grab |
| Nitrogen, Nitrate, Total (as N) | Sample Measurement | | | | | | | |
| PARM Code 00620 Mon. Site No. EFA-1 | Permit Requirement | | | | mg/L | | Monthly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. INF-1 | Permit Requirement | | | Report (Max. Avg.) | mg/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. INF-1 | Permit Requirement | | | Report (Max. Avg.) | mg/L | | Monthly | Grab |
| Percent Capacity (TMADF / Permitted Capacity) x 100 | Sample Measurement | | | | | | | |
| PARM Code 00180 Mon. Site No. CAL-1 | Permit Requirement | | | Report (Max. Total) | Percent | | Monthly | Calculated |

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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

When Completed mail this report to: Department of Environmental Protection, Northeast District Office, 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590

PERMITTEE NAME: AquaSource Utility, Inc.
 MAILING ADDRESS: 6960 Professional Parkway, Suite 400
 Sarasota, Florida 34240

PERMIT NUMBER: FLA011315

LIMIT: Final
 CLASS SIZE: Minor

REPORT: Monthly
 GROUP: Domestic

FACILITY: Arredondo Farms Mobile Home Park WWTP
 LOCATION: 7117 Southwest Archer Road
 Gainesville, Florida 32608

MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: **FOR FLOWS GREATER THAN 0.030 MGD ADF**

COUNTY: Alachua

NO DISCHARGE FROM SITE:

MONITORING PERIOD: From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|-------------------------|------------------------|-------|--------------------------|-------|---------|---------------------------|--------------------|
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon. Site No. EFA-1 | Y Permit Requirement | 0.030 (Min. Avg.) | mgd | | | | Daily, five days per week | Elapsed time meter |
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon. Site No. EFA-1 | T Permit Requirement | Report (3-Mo. Avg.) | mgd | | | | Daily, five days per week | Elapsed time meter |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | Y Permit Requirement | | | 20.0 | mg/L | | Weekly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | T Permit Requirement | | | 30.0 Mo. Avg. | mg/L | | Weekly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | Y Permit Requirement | | | 20.0 Mo. Avg. | mg/L | | Weekly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | T Permit Requirement | | | 30.0 (Mo. Avg.) | mg/L | | Weekly | Grab |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| | | | |
|---|--|--------------|-----------------|
| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT PART A DRAFT (Continued)

FACILITY NAME: **Arredondo Farms Mobile Home Park WWTF**
FOR FLOWS GREATER THAN 0.030 MGD ADF

PERMIT NUMBER: **FLA011315**
 MONITORING PERIOD

MONITORING GROUP NUMBER: **R-001**

From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. EX. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|-------|--------------------------|--------------------|----------|---------------------------|-------------|
| pH | Sample Measurement | | | | | | | |
| PARM Code 08400 Mon. Site No. EFA-1 | Permit Requirement | | | 500 (Min.) | 8.5 (Max.) | 8.0 | Daily, five days per week | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | |
| PARM Code 74055 Mon. Site No. EFA-1 | Permit Requirement | | | 200 (Ar. Ave.) | | #/100 mL | Weekly | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | |
| PARM Code 74055 Mon. Site No. EFA-1 | Permit Requirement | | | 200 (Mo. Geo. Mean) | 800 (Max.) | #/100 mL | Weekly | Grab |
| Total Residual Chlorine (For Disinfection) | Sample Measurement | | | | | | | |
| PARM Code 50060 Mon. Site No. EFA-1 | Permit Requirement | | | 1.0 (Min.) | | mg/L | Daily, five days per week | Grab |
| Nitrogen, Nitrate, Total (as N) | Sample Measurement | | | | | | | |
| PARM Code 00620 Mon. Site No. EFA-1 | Permit Requirement | | | | 2.0 (Max.) | mg/L | Weekly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon. Site No. INF-1 | Permit Requirement | | | Report (Mo. Ave.) | | mg/L | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon. Site No. INF-1 | Permit Requirement | | | Report (Mo. Ave.) | | mg/L | Monthly | Grab |
| Percent Capacity (TMADF / Permitted Capacity) x 100 | Sample Measurement | | | | | | | |
| PARM Code 00180 Mon. Site No. CAL-1 | Permit Requirement | | | | Report (Mo. Total) | Percent | Monthly | Calculated |

28

28

DAILY SAMPLE RESULTS - PART B

Facility ID: FLA011315
 Month/Year: From: _____ To: _____

FACILITY NAME: Arredondo Farms Mobile Home Park WWTF
 COUNTY: Alachua

| | Flow (mgd) | CBOD5 (mg/L) | TSS (mg/L) | Fecal Coliform Bacteria (#/100 mL) | pH (s. u.) MIN | pH (s. u.) MAX | Total Residual Chlorine (mg/L) | Total Nitrate Nitrogen (as N) (mg/L) | CBOD5 (mg/L) | TSS (mg/L) |
|-----------|------------|--------------|------------|------------------------------------|----------------|----------------|--------------------------------|--------------------------------------|--------------|------------|
| STORET | 50050 | 80082 | 00530 | 74055 | 00400 | 00400 | 50060 | 00620 | 80082 | 00530 |
| Mon. Site | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | INF-1 | INF-1 |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
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| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Total | | | | | | | | | | |
| Mo. | | | | | | | | | | |

PLANT STAFFING:

Dav Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring well data.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--------------------------------------|
| ANC | Analysis not conducted. |
| DRY | Dry Well |
| FLD | Flood disaster. |
| IFS | Insufficient flow for sampling. |
| LS | Lost sample. |
| MNR | Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one half the MDL or half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following blanks in the header should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.).

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

DAILY SA' E RESULTS

Year: Enter the month and year during which the data on this report were collected and analyzed.

Three-month Average Daily Flow: Calculate and enter the three-month average daily flow to the treatment facility.
(TMADF/Permitted Capacity) x 100: Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.

Daily Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

Type of Effluent Disposal or Reclaimed Water Reuse: Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).

Limited Wet Weather Discharge Activated: If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

PART C - LIMITED WET WEATHER DISCHARGE

This part is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. All information is to be provided for each day on which the limited wet weather discharge was activated.

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this calendar year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Date: Enter the date on which the discharge occurred.

Duration of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.

Gallons Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.

Average Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Average Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Stream Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Total P: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100%.

Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Sampling Methods: Indicate the procedure to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Preservatives Added: State what preservatives were added to the sample.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Analysis Result/Units: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.

Detection Limits/Units: Record the detection limits of the analytical methods used and the units associated with them.

Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
DOMESTIC WASTEWATER FACILITY PERMIT
STATEMENT OF BASIS

PERMIT NUMBER: FLA011315
FACILITY NAME: Arredondo Farms Mobile Home Park WWTF
FACILITY LOCATION: Gainesville, Alachua County
NAME OF PERMITTEE: AquaSource Utility, Inc.
PERMIT WRITER: Robert H. Lear

GENERAL DESCRIPTION:

This facility had a history of exceeding the limitations for total suspended solids (TSS) and fecal coliform. After the submission of the application, the applicant failed to respond adequately to the Request for Additional Information concerning the ability of the facility to operate satisfactorily in the conventional activated sludge process mode. The Department denied the permit. The applicant petitioned the denial and submitted additional information concerning the WWTF. After several postponements were granted by the OGC, the applicant agreed to withdraw from the hearing process and accept a permit which included an Order to provide for corrections. The applicant also reorganized the operating staff to provide improved control of operations at the facility.

Following consideration of the inclusion of an Order as an addition to the permit, the Department decided to create a permit which included the following:

1. Operation in the convention activated sludge process mode at an average daily flow of greater than 0.030 mgd to 0.060 mgd.
2. More-frequent monitoring when the conventional activated sludge process mode is employed.
3. Minimum Total Residual Chlorine for disinfection of 1.0 mg/L when the conventional activated sludge process mode is employed to better protect the environment.
4. Expectation of the permittee submitting an application for a permit revision for the reduction of the frequency of monitoring with a year of operation as a conventional activated sludge process without violations.

Therefore, additional pages for discharge requirements and DMRs have been included in the permit.

1. BASIS FOR EFFLUENT AND RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS (INCLUDING EFFLUENT MONITORING REQUIREMENTS)

The following table provides the basis for Part I. A. provisions.

Land Application System R-001 (rapid infiltration basin):

| Parameter | Limit | Basis | Rationale |
|--|---------------|------------------------|--|
| Flow (MGD) | 0.060 | Annual Average | 62-600.400(3)(b) FAC |
| BOD, Carbonaceous, five-day, 20C (mg/L) | 20.0 | Annual Average | 62-610.510 & 62-600.740(1)(b)1.a. |
| | 30.0 | Monthly Average | FAC |
| | 45.0 | Weekly Average | 62-600.740(1)(b)1.b. FAC |
| | 60.0 | Single Sample Max. | 62-600.740(1)(b)1.c. FAC 62-600.740(1)(b)1.d. FAC |
| Solids, Total Suspended (mg/L) | 20.0 | Annual Average | 62-610.510 & 62-600.740(1)(b)1.a. |
| | 30.0 | Monthly Average | FAC |
| | 45.0 | Weekly Average | 62-600.740(1)(b)1.b. FAC |
| | 60.0 | Single Sample Max. | 62-600.740(1)(b)1.c. FAC 62-600.740(1)(b)1.d. FAC |
| pH (S. U.) | 6.0 to 8.5 | Minimum and Maximum | 62-600.445 FAC |
| Total Residual Chlorine (For Disinfection) (mg/L) | 0.5 | Minimum | 62-610.510 & 62-600.440(4)(b) FAC |
| Nitrogen, Nitrate, Total (as N) (mg/L) | 12.0 | Single Sample Max. | 62-610.510(1) FAC |

The following table provides the basis for Part I. B. provisions.

Other Limitations and Monitoring Requirements:

| Parameter | Limit | Basis | Rationale |
|--|--------|-----------------|--|
| BOD, Carbonaceous, five-day, 20° C (mg/L) | Report | Monthly Average | 62-601.300(1)FAC |
| Solids, Total Suspended (MG/L) | Report | Monthly Average | 62-601.300(1)FAC |
| Monitoring Frequency and Sample Type | - | All Parameters | 62-601 FAC & 62-699 FAC and/or BPJ of permit writer |
| Sampling Location | - | All Parameters | 62-601, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer |

2. RESIDUALS MANAGEMENT

The method of residuals use or disposal by this facility is transport to Central Process Residuals Management Facility (RMF), Ocala, Merion County, Florida, Permit Number FLA010776, or disposal in a Class I or II solid waste landfill.

3. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

4. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

5. APPLICABLE RULES

The following were used as the basis of the permit limitations/conditions:

a. FAC refers to various portions of the Florida Administrative Code.

The effective dates of FAC Rule Chapters cited in the table are as follows:

| <u>Chapter</u> | <u>Effective Date</u> |
|----------------|-----------------------|
| 62-4 | 07-08-02 |
| 62-160 | 04-09-02 |
| 62-302 | 05-15-02 |
| 62-520 | 12-09-96 |
| 62-522 | 08-27-01 |
| 62-550 | 11-27-01 |
| 62-600 | 12-24-96 |
| 62-601 | 12-24-96 |
| 62-602 | 02-06-02 |
| 62-610 | 08-08-99 |
| 62-620 | 04-17-02 |
| 62-625 | 01-08-97 |
| 62-640 | 03-30-98 |
| 62-650 | 12-26-96 |
| 62-699 | 07-05-01 |

b. FS refers to various portions of the Florida Statutes

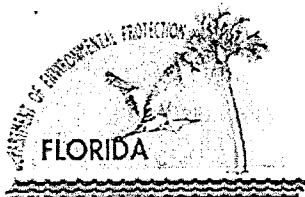
c. CFR refers to various portions of the Code of Federal Regulations, Title 40

d. BPJ refers to Best Professional Judgment

6. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Draft Permit to applicant December 20, 2002

Notice of Permit Issuance January 27, 2002



Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Water Services, Inc.

PERMIT NUMBER: FLA011076
PA FILE NUMBER: FLA011076-002-DW2P
ISSUANCE DATE: March 17, 2003
EXPIRATION DATE: March 10, 2008

RESPONSIBLE AUTHORITY:

Mr. Craig J. Anderson, P.E.
Vice President, Environmental Services
PO Box 609520
Orlando, FL 32860-9520

(407) 598-4199

FACILITY:

Chuluota WWTF
125 East 10th Street
Chuluota, FL
Seminole County
Latitude: 28° 38' 15" N Longitude: 81° 07' 35" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.1 mgd annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, filtration, chlorination, aerobic digestion of residuals and a 0.3 MG wet weather holding pond.

REUSE:

Land Application: An existing 0.1 MGD AADF permitted capacity slow-rate restricted public access system (R-001). R-001 consists of 17.4 acre sprayfield located approximately at latitude 28° 38' 15" N, longitude 81° 7' 35" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 155 of this permit.

FACILITY: Chuluota WWTF
 PERMITTEE: Florida Water Services, Inc.

PERMIT NUMBER: FLA011076
 EXPIRATION DATE: March 10, 2008

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow, Total Through Plant | MGD | Maximum | 0.1 | - | - | - | 5 Days/Week | Recording flow meters and totalizers | FLW-1 | See Cond. I.A.3. |
| BOD, Carbonaceous 5 day, 20°C | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Every Two Weeks | 8-hour flow proportioned composite | EFA-1 | |
| Solids, Total Suspended | mg/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Every Two Weeks | 8-hour flow proportioned composite | EFA-1 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | |
| Coliform, Fecal | #/100 ML | Maximum | See Permit Condition I.A.4. | | | | Every Two Weeks | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | mg/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond. I.A.5. |
| Nitrogen, Nitrate, Total (as N) | mg/L | Maximum | - | - | - | 12 | Every Two Weeks | 8-hour flow proportioned composite | EFA-1 | See Cond. I.A.6. |

FACILITY: Chuluota WWTF
 PERMITTEE: Florida Water Services, Inc.

PERMIT NUMBER: FLA011076
 EXPIRATION DATE: March 10, 2008

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|--|
| EFA-1 | chlorine contact chamber effluent |
| FLW-1 | flow meter on chlorine contact chamber discharge |

3. Recording flow meters and totalizers will be utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and .500(6)]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.410 and 62-600.440(4)(c)]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410 and 62-600.440(4)(b)]
6. Due to elevated concentrations of nitrate nitrogen (NO₃) in the ground water monitoring wells, nitrate nitrogen concentration in the water discharged to the slow rate land application system shall not exceed 12.0 mg/L. Rule 62-601.300(6), F.A.C.

FACILITY: Chuluota WWTF
 PERMITTEE: Florida Water Services, Inc.

PERMIT NUMBER: FLA011076
 EXPIRATION DATE: March 10, 2008

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | |
|--|---------|---------|----------------|-----------------|----------------|---------------|-------------------------|------------------------------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| BOD, Carbonaceous 5 day, 20°C | mg/L | Maximum | - | Report | - | - | Every Two Weeks | 8-hour flow proportioned composite | INF-1 | See Cond. I.B.3. |
| Solids, Total Suspended | mg/L | Maximum | - | Report | - | - | Every Two Weeks | 8-hour flow proportioned composite | INF-1 | See Cond. I.B.3. |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | Percent | Maximum | - | Report | - | - | Monthly | Calculated | FLW-1 | |

FACILITY: Chuluota WWTF
 PERMITTEE: Florida Water Services, Inc.

PERMIT NUMBER: FLA011076
 EXPIRATION DATE: March 10, 2008

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|--|
| FLW-1 | flow meter on chlorine contact chamber discharge |
| INF-1 | Raw influent to aeration tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 9 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

7. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department by July 1 of each year. [62-601.300(4)][62-601.500(3)]

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8. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. *[62-610.870(3)]*
9. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:
 Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767
 Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966
 All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Environmental Services or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5)]*
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3 & 4]*
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. *[62-640.880(4)]*

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- Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Construction Requirements

Section Construction Requirements is not applicable to this facility.

Operational Requirements

- For the Part II land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23)][62-522.400 and 62-522.410]
- The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
- During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. [62-522.600][62-610.412]
- The following monitoring wells shall be sampled quarterly. Sampling must be reasonably spaced to be representative of potentially changing conditions.

| Facility MW Name | Permit Builder MW ID | WAFR ID/# | GMS # | Well Type | Depth (Feet) | Aquifer Monitored | New or Existing |
|-------------------|----------------------|-----------|------------|------------|--------------|-------------------|-----------------|
| Sprayfield | | | | | | | |
| MW-1 | MWB-1 | 6982 | 3059A15380 | Background | 20 | Surficial | Existing |
| MW-2 | MWC-2 | 6981 | 3059A15381 | Compliance | 20 | Surficial | Existing |
| MW-3 | MWC-3 | 6980 | 3059A15382 | Compliance | 18 | Surficial | Existing |
| MW-4 | MWC-4 | 6979 | 3059A15383 | Compliance | 20 | Surficial | Existing |
| MW-5 | MWC-5 | 6978 | 3059A15384 | Compliance | 20 | Surficial | Existing |

MWB = Background, MWC = Compliance

[62-522.600][62-610.412]

- The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III. 4:

| Parameter | Compliance Well Limit | Units | Sample Type | Monitoring Frequency |
|------------------------------------|-----------------------|---------|-------------|----------------------|
| Water Level Relative to Feet, NGVD | Report | FEET | In Situ | Quarterly |
| Nitrogen, Nitrate, Total (as N) | 10 | mg/L | Grab | Quarterly |
| Solids, Total Dissolved (TDS) | 500 | mg/L | Grab | Quarterly |
| Coliform, Fecal | 4 | #/100ML | Grab | Quarterly |
| pH | 6.5-8.5 | SU | Grab | Quarterly |
| Turbidity, Lab - Nephelometric | Report | NTU | Grab | Quarterly |
| Chloride (as Cl) | 250 | mg/L | Grab | Quarterly |

[62-522.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601][62-601.300(6)] [62-520.300(9)]

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6. If the concentration for any constituent listed in Permit Condition III. 5. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. [62-520.420(2)]
7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (Feet, NGVD) at a precision of plus or minus 0.1 foot. [62-610.412(2)(c)]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District, Ground Water Section as being more representative of ground water conditions. [62-520.300(9)]
10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). A completed Certification Page shall accompany each quarter of monitoring data. For reuse or land application projects, the quarterly ground water monitoring results shall be submitted with the DMR as shown in the following schedule. [62-4.070(3)] [62-522.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]

| SAMPLE PERIOD | REPORT DUE DATE |
|--------------------|-----------------|
| January - March | April 28 |
| April - June | July 28 |
| July - September | October 28 |
| October - December | January 28 |

12. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Central District, Ground Water Section within 24 hours of the permittee becoming aware of the situation and shall follow with a written report within seven days that details the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Central District, Ground Water Section. [62-522.600][62-4.070(3)]
13. The Permittee shall provide verbal notice to the Department's Central District, Ground Water Section as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District, Ground Water Section in a written report within 7 days of the sinkhole discovery. [62-4.070(3)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part II Slow-Rate/Restricted Access System(s) (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1)]
2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
3. The annual average hydraulic loading rate to the 17.4-acre sprayfield shall be limited to a maximum of 1.5 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4)]
4. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b)]
5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425]

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6. Irrigation of edible food crops is prohibited. [62-610.426]
7. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
3. An updated capacity analysis report shall be submitted to the Department annually by April 1 of each year. The updated capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

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VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

| | Improvement Action | Completion Date |
|---|---|-----------------|
| 1 | Submit Wastewater Facility or Activity Permit Application Form 1, for the planned plant expansion | May 15, 2003 |
| 2 | Submit Wastewater Permit Application Form 2A and the associated review fee of \$3,750.00, for the planned plant expansion | May 15, 2003 |

[62-600.735(1)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4)]

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7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.418(1)] [and 62-600.400(2)(b)]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

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7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

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16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- A description of the anticipated noncompliance;
 - The period of the anticipated noncompliance, including dates and times; and
 - Steps being taken to prevent future occurrence of the noncompliance.
- [62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C.
- [62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- The following shall be included as information which must be reported within 24 hours under this condition:

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1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

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2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
 - d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION

SIGNED _____

Christianne Ferraro, P.E.
 Program Administrator
 Water Facilities

DATE: March 17, 2003



Jeb Bush
Governor

Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Water Services Corporation

PERMIT NUMBER: FLA011078
PA FILE NUMBER: FLA011078-003-DW3P
ISSUANCE DATE: April 9, 2003
EXPIRATION DATE: April 7, 2008

RESPONSIBLE AUTHORITY:

Mr. Craig J. Anderson
Vice President, Environmental Services
PO Box 609520
Orlando, FL 32860-9520

(407) 598-4199

FACILITY:

Florida Central Commerce Park WWTF
140 Hope Street
Longwood, FL
Seminole County
Latitude: 28° 41' 43" N Longitude: 81° 21' 20" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to construct and operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.095 mgd annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of flow equalization, influent screening, aeration, secondary clarification, chemical feed facilities, filtration, chlorination, 3-day (0.285 MG) reject storage pond with provisions for retreatment, and aerobic digestion of residuals. This permit also authorizes construction of a 10,000 gallon surge tank, including all associated piping and appurtenances, to provide a total surge capacity of 30,000 gallons.

REUSE:

Land Application: An existing 0.095 MGD AADF permitted capacity slow-rate public access (R-001) consisting of a 10-day (0.95 MG) wet weather storage pond and irrigation of approximately 19 acres of greenspace at the commerce park. The reuse system shall be evaluated in accordance with Condition IV.15. of this permit.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 15 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|---------------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow | MGD | Maximum | 0.095 | - | - | - | 5 Days/Week | Meter | FLW-2 | See Cond. I.A.3. |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Every Two Weeks | Grab | EFA-1 | |
| Solids, Total Suspended | MG/L | Maximum | - | - | - | 5.0 | 3 Days/Week | Grab | EFA-1 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | |
| Coliform, Fecal | #/100ML | Maximum | See Permit Condition I.A.4. | | | | 3 Days/Week | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 1.0 | Continuous | Meter | EFA-1 | See Cond. I.A.5. |
| Turbidity | NTU | Maximum | See Permit Condition I.A.6. | | | | Continuous | Meter | EFA-1 | |
| Giardia | CYSTS/100 L | Maximum | - | - | - | Report | five years | Filtered | EFA-1 | |
| Cryptosporidium | OOCYSTS/100 L | Maximum | - | - | - | Report | five years | Filtered | EFA-1 | |

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2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---------------------------------------|
| EFA-1 | Chlorine contact chamber effluent |
| EFB-1 | Filter effluent prior to chlorination |
| FLW-2 | Flow meter to irrigation system |

3. A meter shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
4. Over a 30-day period, at least 75 percent of the fecal coliform values shall be below the detection limits. No sample shall exceed 25 fecal coliforms per 100 mL. No sample shall exceed 5.0 mg/L of total suspended solids (TSS) at a point before the application of the disinfectant. Note: To report the "% less than detection," count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]*
6. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2)]*

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|--|----------|---------|----------------|--------------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | - | Report | - | - | Every Two Weeks | Grab | INF-1 | See Cond. I.B.3. | |
| Solids, Total Suspended | MG/L | Maximum | - | Report | - | - | Every Two Weeks | Grab | INF-1 | See Cond. I.B.3. | |
| Flow | MGD | Maximum | 0.095 | - | - | - | 5 Days/Week | Meter | FLW-1 | See Cond. I.B.4. | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | PER CENT | Maximum | - | Report (Mo. Total) | - | - | Monthly | Calculated | FLW-1 | | |

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---|
| FLW-1 | Effluent flow meter, recording total plant flow |
| INF-1 | Raw influent to surge tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. A meter shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to reject storage for subsequent additional treatment or disinfection. The operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6) and 62-610.463(2)]
6. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. [62-610.463(2) & .865(8)(d)]
7. Intervals between sampling for Giardia and Cryptosporidium shall not exceed five years. Sampling results shall be reported on DEP Form 62-610.300(4)(a)4 which is attached to this permit. This form shall be submitted to the Department and to DEP's Reuse Coordinator in Tallahassee. [62-610.463(4)]
8. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
9. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
10. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 12 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

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11. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. *[62-610.464(5)]*
12. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Environmental Service, Inc., Residuals Management Facilities or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5)]*
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3 & 4]*
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. *[62-640.880(4)]*

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4)]*

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III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part III Public Access System(s) (R-001)

1. Cross-connections to the potable water system are prohibited. *[62-610.469(7)]*
2. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. *[62-610.469(7)]*
3. If a cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the Central District Office's domestic wastewater and drinking water programs.
 - f. Within 5 days of discovery of a cross-connection, submit a written report to the Department detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur. *[62-555.350(3) and 62-555.360][62-620.610(20)]*
4. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
5. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*
6. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
7. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
8. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
9. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*

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10. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*
11. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. *[62-610.468 & 62-610.469]*
12. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. *[62-610.468(6)]*
13. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 & 62-610.464]*
14. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*
15. The permittee shall prepare and submit a report evaluating the reuse system. This report shall include, but not be limited to: information on the actual irrigated acreage within the reuse service area, the actual application rates of the reclaimed water, rainfall at the treatment plant site, staff gauge readings in the wet-weather holding pond and in one of the right-of-way swales within the area irrigated with reclaimed water (a map showing the proposed location must be submitted to the Department for approval within 30 days of permit issuance), future reclaimed water sites and a discussion of any situations that may limit the use of reclaimed water within the existing service area. The evaluation must include at least six months of data (beginning within 30 days of permit issuance) and the report must be submitted to the Department's Central District office by November 1, 2003.
16. Reclaimed water may be released to the system storage or reuse system during periods when the operator is not in attendance, provided that all automatic monitoring, diversion and notification equipment is operational, in compliance with the approved operating protocol. *[62-610.462(2)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 6 hours/day for 7 days/week. The lead operator must be a Class C, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. The lead operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A certified operator shall be on-site and in charge of each required shift and for periods of required staffing time when the lead operator is not on-site. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (5) and (1)]*

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3. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

| Improvement Action | | Completion Date |
|--------------------|----------------------------|-----------------|
| 1 | Repair all sprinkler heads | April 1, 2003 |

[62-600.735(1)]

2. The following construction schedule for the facilities shall be followed, unless the Department is notified:

| Implementation Step | | Completion Date |
|---------------------|-----------------------------------|------------------|
| 1 | Complete 10,000 gallon surge tank | February 1, 2004 |

[62-620.400]

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3. The permittee shall conduct and implement according to the following schedule:

| | Implementation Step | Completion Date |
|---|--|------------------|
| 1 | Prepare report on irrigation capacities and function of the reuse system, in accordance with Condition IV.15. of this permit | November 1, 2003 |

[62-620.320(1) and (2)] [62-4.070(3)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-600.400(2)(b)]

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8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

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8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

FACILITY: Florida Central Commerce Park WWTF
 PERMITTEE: Florida Water Services Corporation

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17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.

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- b. Oral reports as required by this subsection shall be provided as follows:
1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21)]
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.

FACILITY: Florida Central Commerce Park WWTF
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- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

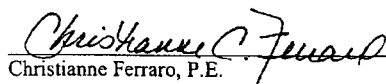
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 - 2. The permitted facility was at the time being properly operated;
 - 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 - 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

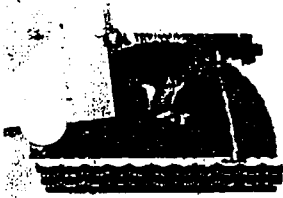
STATE OF FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION


 Christianne Ferraro, P.E.
 Program Administrator
 Water Facilities

DATE: April 9, 2003

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Department of Environmental Protection

Jeb Bush
 Governor

Central District
 3319 Maguire Boulevard, Suite 232
 Orlando, Florida 32803-3767

David B. Strubbs
 Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Water Services Corporation

PERMIT NUMBER:

FLA010655

PA FILE NUMBER:

FLA010655-003-DW3P

ISSUANCE DATE:*Aug. 7, 2001***EXPIRATION DATE:**

August 5, 2006

RESPONSIBLE AUTHORITY:

Mr. Ying C. Lee, P.E.
 Vice President, Engineering Services
 Post Office Box 609520
 Orlando, FL 32860-9520

(407) 598-4213

FACILITY:

Holiday Haven WWTF
 Pearl and Lisa Streets
 Astor, FL
 Lake County
 Latitude: 29° 09' 55" N Longitude: 81° 32' 06" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.025 MGD annual average daily flow (AADF) permitted capacity extended aeration activated sludge domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination and aerobic digestion of residuals.

REUSE:

Land Application: An existing 0.0186 mgd AADF permitted capacity slow-rate restricted public access system (R-001). R-001 consists of a 2 acre, wetted area, sprayfield located approximately at latitude 29° 9' 22" N, longitude 81° 31' 49" W.

Land Application: An existing 0.0064 mgd AADF permitted capacity rapid infiltration basin system (R-002). R-002 consists of a 0.5 acre percolation pond, which can also be used as a 15 day wet-weather storage pond for the restricted access sprayfield, having a capacity of 0.0064 mgd located approximately at latitude 29° 9' 55" N, longitude 81° 32' 6" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 17 of this permit.

"More Protection. Less Process"

FACILITY: Holiday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001, the sprayfield. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Flow, to sprayfield | MGD | Minimum | 0.0186 | - | - | - | 5 Days/Week | Flow meters | EPA-2 | See Cond LA.3. |
|--|---------|---------|----------------------------|----|----|------------|-------------|-------------|-------|----------------|
| Solids, Total Suspended | mg/L | Maximum | 20 | 30 | 45 | 60 | Monthly | Grab | EPA-1 | |
| BOD, Carbonaceous 5 day, 20C | mg/L | Maximum | 20 | 30 | 45 | 60 | Monthly | Grab | EPA-1 | |
| Cellform, Fecal | #/100ml | Maximum | See Permit Condition LA.4. | | | | Monthly | Grab | EPA-1 | |
| pH | n.a. | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EPA-1 | |
| Total Residual Chlorine (For Disinfection) | mg/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EPA-1 | See Cond LA.5. |

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FACILITY: Holiday Haven WWTF
PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
EXPIRATION DATE: August 5, 2006

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition 1. A. 1. and as described below:

| | |
|-------|---------------------------------------|
| EFA-1 | Chlorine contact chamber effluent |
| RFP-2 | Flow meter in sprayfield pump station |

3. Flow meters are utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and 500(6), 12-24-96]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.410, 8-8-99 and 62-600.440(4)(c), 12-24-96]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410, 8-8-99 and 62-600.440(4)(b), 12-24-96]

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FACILITY: Holiday Haven WWTF
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 Post Office Box 699520
 Orlando, FL 32860-9520

6. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-002, the percolation pond. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Flow to percolation pond | mgd | Maximum | 0.0064 | | | 5 Days/Week | Flow meters | EPA-3 | See Cons L.A.R. | |
|---|---------|---------|-----------------------------|----|----|-------------|-------------|-------|------------------|--|
| Solids, Total Suspended | mg/l | Maximum | 20 | 36 | 45 | 60 | Grab | EPA-1 | | |
| BOD ₅ Carbonaceous 5 day, TOC | mg/l | Maximum | 20 | 36 | 45 | 60 | Grab | EPA-1 | | |
| Coliform, Fecal | #/100ml | Maximum | See Permit Condition I.A.9. | | | | Monthly | Grab | EPA-1 | |
| pH | n.u. | Range | | | | 6.0 to 8.5 | Grab | EPA-1 | | |
| Total Residual Chlorine (See Description) | mg/l | Maximum | | | | 0.5 | Grab | EPA-1 | See Cons L.A.10. | |
| Nitrogen, Nitrate, Total (as N) | mg/l | Maximum | | | | 12.0 | Grab | EPA-1 | See Cons L.A.11. | |

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FACILITY: Holiday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

7. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 6. and as described below:

| | |
|-------|--|
| EFA-1 | Chlorine contact chamber effluent |
| EFF-3 | Calculated as the difference between EFF-1 and EFF-2 |

8. Flow meters are utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and 500(6), 12-24-96]
9. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.510, 8-8-99 and 62-600.440(4)(c), 12-24-96]
10. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510, 8-8-99 and 62-600.440(4)(b), 12-24-96]
11. Nitrate nitrogen (NO_3) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. [62-610.510, 8-8-99]

FACILITY: Holiday Haven WWTF
PERMITTEE: Florida Water Services Corporation
 Post Office Box 609420
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
EXPIRATION DATE: August 5, 2006

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Flow | mgd | Maximum | 0.025 | | | 5 Days/Week | Monitor | EFF-1 | See Oper LB.A |
|--|------|---------|--------|--|--|-------------|------------|-------|------------------|
| Solids, Total Suspended | mg/l | Maximum | Report | | | Annually | Grab | INF-1 | See Oper LB.3 |
| BOD, Carbonaceous 5 day, 20C | mg/l | Maximum | Report | | | Annually | Grab | INF-1 | See Oper LB.3 |
| Perovast Capacity, (TMADR/2 emitted Capacity) x 100 | % | Minimum | Report | | | Monthly | Calculated | EFF-1 | |

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FACILITY: Holiday Haven WWTF
PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
EXPIRATION DATE: August 5, 2006

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| | |
|-------|--|
| RFF-1 | Parshall Flume flow meter located in the chlorine contact chamber discharge piping |
| INF-1 | raw influent to aeration tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4), 12-24-96]
4. A Parshall flume and flow meter is utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and .300(6), 12-24-96]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 3-2-00]
6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(3), 12-24-96]
7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| Monthly or Toxicity | first day of month - last day of month | 28 th day of following month |
|---------------------|--|---|
| Quarterly | January 1 - March 30 | April 28 |
| | April 1 - June 30 | July 28 |
| | July 1 - September 30 | October 28 |
| | October 1 - December 31 | January 28 |
| Semiannual | January 1 - June 30 | July 28 |
| | July 1 - December 31 | January 28 |
| Annual | January 1 - December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department at the address specified in Permit Condition I.B. 8 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18), 3-2-00][62-601.300(1), (2), and (3), 12-24-96]

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FACILITY: Holiday Haven WWTF
PERMITTEE: Florida Water Services Corporation
 Post Office Box 609320
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
EXPIRATION DATE: August 5, 2006

8. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, Lake County Water Resource Management and the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305, 10-23-00]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Septic Tanks Residuals Management Facility or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5), 3-30-98]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5), 3-30-98]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4; 3-30-98]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d), 3-30-98]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4), 3-30-98]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4), 3-30-98]

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FACILITY: Holiday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

III. GROUND WATER REQUIREMENTS

1. Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part II Slow-Rate/Restricted Access System(s) (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1), 8-8-99]
2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(3), 8-8-99]
3. The annual average hydraulic loading rate to the sprayfield shall be limited to a maximum of 2.4 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4), 8-8-99]
4. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b), 8-8-99]
5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425, 8-8-99]
6. Irrigation of edible food crops is prohibited. [62-610.426, 8-8-99]
7. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9), 8-8-99]

Part IV Rapid Infiltration Basins (R-002)

8. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518, 8-8-99]
9. The annual average hydraulic loading rate to the percolation pond, which can also be used as a 15 day wet-weather storage pond for the restricted access sprayfield, shall be limited to a maximum of 0.5 inches per day (as applied to the entire bottom area). [62-610.523(3), 8-8-99]
10. The percolation pond, normally shall be loaded for 7 days and rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4), 8-8-99]
11. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7), 8-8-99]
12. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414, 8-8-99]
13. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9), 8-8-99]

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FACILITY: Monday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week. The lead operator must be a Class C operator, or higher.

[62-620.630(3), 10-23-00] [62-699.310, 5-20-92] [62-610.462, 8-8-99]

2. A certified operator shall be on call during periods the plant is unattended. [62-699.311(1), 5-20-92]
3. An updated capacity analysis report shall be submitted to the Department annually by _____ of each year. The updated capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(3), 12-24-96]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1), 12-24-96]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 10-23-00]

FACILITY: Holiday Haven WWTP
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

VI. SCHEDULES

1. The following corrective actions shall be completed according to the following schedule:

| | | |
|---|--------------------------------------|--------------------|
| 1 | Repair sprinkler heads in sprayfield | September 30, 2001 |
|---|--------------------------------------|--------------------|

[62-600.735(7), 12-24-96]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility is not required to have a pretreatment program at this time. [62-625.500, 1-8-97]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5), 10-23-00]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a), 8-8-99]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8), 12-24-96 and 62-640.400(6), 3-30-98]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3), 12-26-96]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550, 12-26-96] [62-620.610(20), 10-23-00]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4), 12-26-96]

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FACILITY: Holiday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.418(1), 8-8-99] [62-610.318(1), 8-8-99] [and 62-600.400(2)(b), 12-24-96]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a), 4-23-97]
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2), 10-23-00]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), 10-23-00]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department Central. [62-620.610(2), 10-23-00]
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3), 10-23-00]
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4), 10-23-00]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5), 10-23-00]

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FACILITY: Holiday Haven WWTF
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6), 10-23-00]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7), 10-23-00]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8), 10-23-00]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department Central personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9), 10-23-00]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department Central may be used by the Department Central as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10), 10-23-00]
11. When requested by the Department Central, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department Central upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department Central, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11), 10-23-00]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12), 10-23-00]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13), 10-23-00]

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FACILITY: Holiday Haven WWTP
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14), 10-23-00]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15), 10-23-00]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16), 10-23-00]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department Central for penalties or revocation of this permit. The notice shall include the following information:
- A description of the anticipated noncompliance;
 - The period of the anticipated noncompliance, including dates and times; and
 - Steps being taken to prevent future occurrence of the noncompliance.
- [62-620.610(17), 10-23-00]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E1, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.

[62-620.610(18), 10-23-00]

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018

FACILITY: Hohday-Haven WWTF
PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLAD10655
EXPIRATION DATE: August 5, 2006

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19), 10-23-00]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. For releases or spills of treated or untreated wastewater, unless authorized elsewhere in this permit, oral notifications as required above shall be provided using the following procedures:
1. For unauthorized releases or spills in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting.
 - b) Name, address, and telephone number of permittee or responsible person for the discharge.
 - c) Date and time of the discharge and status of discharge (ongoing or ceased).
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater).
 - e) Estimated amount of the discharge.
 - f) Location or address of the discharge.
 - g) Source and cause of the discharge.
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date.
 - i) Description of area affected by the discharge, including name of water body affected, if any.
 - j) Other persons or agencies contacted.
 2. For unauthorized releases or spills of 1,000 gallons or less, per incident, oral reports shall be provided to the Department within 24 hours from the time the permittee becomes aware of the discharge.

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FACILITY: Monday Haven WWTP
 PERMITTEE: Florida Water Services Corporation
 Post Office Box 609520
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
 EXPIRATION DATE: August 5, 2006

- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20), 10-23-00]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21), 10-23-00]

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department Central may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22), 10-23-00]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

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FACILITY: Holiday Haven WWTF
PERMITTEE: Florida Water Services Corporation
Post Office Box 609520
Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655
EXPIRATION DATE: August 5, 2006

- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department Central review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

(62-620.610(23), 10-23-00)

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Gerald Chancellor, P.E.
Program Manager
Domestic Waste

DATE: 8/7/01

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Form Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL 32803-3767

ISSUING NAME: Florida Water Services Corporation
 MAILING ADDRESS: Post Office Box 609320
 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010655

LIMIT: Final
 CLASS SIZE: N/A

REPORT GROUP: Monthly Domestic

CITY: Holiday Haven WWTF
 CANTON: Pearl and Lim Streets
 Astor, FL

MONITORING GROUP NUMBER: R-001, R002 and Influent

NO DISCHARGE FROM SITE:

COUNTY: Lake

MONITORING PERIOD From _____ To _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---------------------------------|--------------------|---------------------|-------|--------------------------|-------|---------|-----------------------|-------------|
| w, total through plant | Sample Measurement | | | | | | | |
| w, total through plant | Sample Measurement | | | | | | | |
| w, to sprayfield | Sample Measurement | | | | | | | |
| w, to sprayfield | Sample Measurement | | | | | | | |
| w, in conduit or flow treatment | Sample Measurement | | | | | | | |
| w, in conduit or flow treatment | Sample Measurement | | | | | | | |

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

STATEMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

Revision 8/3/2001

EP Form 62-620.910(10), Effective November 29, 1994

08/23/2015 22:14 FAX

DISCHARGE MONITORING REPORT - PART A (Continued)
 PERMIT NUMBER: FLA010655 MONITORING GROUP No.:
 MONITORING PERIOD From: To

CITY NAME: Holiday Haven WWTF

R-001 and Inflow

| Parameter | Sample Measurement | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Dtg |
|--|--------------------|---------------------|-------|--------------------------|-------|---------|-----------------------|------------|
| SS, Total Suspended | Sample Measurement | | | | | | | |
| SS, Total Suspended | Sample Measurement | | | | | | | |
| D, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| D, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| BOD, Total | Sample Measurement | | | | | | | |
| BOD, Total | Sample Measurement | | | | | | | |
| Chemical Oxygen Demand (COD) | Sample Measurement | | | | | | | |
| Chemical Oxygen Demand (COD) | Sample Measurement | | | | | | | |
| Ammonia Nitrogen (NH ₃ -N) | Sample Measurement | | | | | | | |
| Ammonia Nitrogen (NH ₃ -N) | Sample Measurement | | | | | | | |
| Total Phosphorus (TP) | Sample Measurement | | | | | | | |
| Total Phosphorus (TP) | Sample Measurement | | | | | | | |
| Total Nitrogen (TN) | Sample Measurement | | | | | | | |
| Total Nitrogen (TN) | Sample Measurement | | | | | | | |
| Flow Capacity (TMADE/Permitted Capacity) x 100 | Sample Measurement | | | | | | | |
| SS, Total Suspended | Sample Measurement | | | | | | | |
| D, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |

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06/23/2015 22:15 FAX

Permit Number: **FLA010655**
 Monitoring Period From: _____ To: _____

Facility: **Holiday Haven WWTF**

| | Flow, total through plant (mgd) | Flow, to sprayfield (MGD) | Flow, to percolation pond (mgd) | CBOD5 (mg/L) | Fecal Coliform Bacteria (#/100ml) | pH (p.u.) | TSS (mg/L) | TRC (For Disinfect.) (mg/L) | | | | |
|-----------|---------------------------------|---------------------------|---------------------------------|--------------|-----------------------------------|-----------|------------|-----------------------------|--|--|--|--|
| Code | 50050 | 50050 | 50050 | 80082 | 74055 | 00400 | 00330 | 50060 | | | | |
| Mon. Site | EFP-1 | EFP-2 | EFP-3 | EPA-1 | EPA-1 | EPA-1 | EPA-1 | EPA-1 | | | | |
| 1 | | | | | | | | | | | | |
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| 29 | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |
| Mo. Avg. | | | | | | | | | | | | |

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

V m 8/3/2001

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

DMR consists of four parts—A, B, C, and D—all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.850, F.A.C. Part D is used for reporting ground toxing well data.

copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

dition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--|
| C | Analysis not conducted. |
| Y | Dry Well |
| D | Flood disaster. Insufficient flow for sampling. Lost sample. |
| NR | Monitoring not required this period since limit is conditional. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |
| TNTC | Too numerous to count (for fecal coliform bacteria only). |

reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions and code should be used:

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--|
| | If the sampled value is less than the method detection limit (MDL), enter a less than sign followed by the laboratory's MDL value, e.g. <0.001. In cases where a laboratory reports a value which is less than the parameter's practical quantification limit (PQL), but not less than the MDL, the value should be reported as the laboratory's MDL value. For example, where the MDL = 0.001, the PQL = 0.005 and the laboratory reports <0.005 (the PQL), the value of 0.001 should be reported on the DMR. |

PART A - DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring events are interim or final, and the required submittal frequency (e.g. monthly, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. Missing blanks in the header should be completed by the permittee or authorized representative.

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge at a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote waters for which there was no discharge.

Reporting Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Measurements: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring event in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, etc.).

Exceedences: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the maximum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Date: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Notes and Explanation of Any Violations: Use this area to explain any exceedences, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

08/23/2015 22:15 FAX

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022

C B **LY SAMPLE RESULTS**

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated. Add the results to get the Total and divide by the number of months to get the Monthly Average.
Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

C C - LIMITED WET WEATHER DISCHARGE

Part C is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.360, F.A.C. For months with no discharge, Part C need not be filed. All information is to be provided for each day on which the limited wet weather discharge was activated.

M/Year: Enter the month and year during which the data on this report were collected and analyzed.
Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for the year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Enter the date on which the discharge occurred.
Time of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.
Volume Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.
mgd Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
mgd Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.
D₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
F: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100.
Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

C D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Sample Obtained: Enter the time the sample was taken.
Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.
MDL: Record the detection limits of the analytical methods used.
MDL Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
MDL Equipment Used: Indicate the procedure used to collect the sample (e.g. siphon, bucket/bailer, centrifugal pump, etc.)
MDL Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.



Jeb Bush
Governor

Asmenel

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
January 24, 2002

David B. Struhs
Secretary

Pasco County-DW

JAN 25 2002

Mr. Frank Hoffman, President
AquaSource Utility, Inc.
6960 Professional Parkway East, Suite 400
Sarasota, FL 34240

Re: Minor Revision of Wastewater
Permit No. FLA012768

Dear Mr. Hoffman:

We are in receipt of your request, application # 51-FLA012768-002-DW2/MR, for a minor revision of the above referenced wastewater permit for a domestic facility, originally issued on October 4, 2000.

This revision modifies the permit description with the addition of the proposed modification to the existing wastewater treatment processes, modifies Section III [Ground Water Requirements] with the addition of new monitor wells, updates the completion dates of the corrective actions detailed on Section VI, [Schedules] and amends the Original Administrative Order AO-066-SW. Changes have been denoted where appropriate by replacement of the completed section of the permit and side bar when applicable to indicates changes. Since this revision correct several sections of the permit, a complete revised permit is attached for your use. The permit is revised as follows:

| Administrative Order | From | To |
|----------------------|----------------------------|--|
| A0-066-SW | | Insert Amendment "A" |
| Permit | Remove existing pages 1-21 | Replace with attached updated pages 1-20 |

This letter constitutes revision (-001) of the above wastewater permit and therefore shall be appended to it. All future correspondence should reference the original Permit Number FLA012768.

If there are any questions concerning this revision, please contact Ms. Angulo of my staff at (813) 744-6100, extension 305.

Sincerely,

Timothy J. Parker
Timothy J. Parker P.E.
Water Facilities Administrator
Southwest District

Attachments

cc: FDEP-Pete Burghardt

"More Protection, Less Process"

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BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN THE MATTER OF:

IN THE OFFICE OF THE
SOUTHWEST DISTRICT

Mr. Frank Hoffman, President
AquaSource Utility, Inc.
6960 Professional Parkway East, Suite 400
Sarasota, Florida 34240

Amendment "A" to
Administrative Order No.: AO-066-SW

DEP Permit No: FLA012768

ORDER ESTABLISHING COMPLIANCE SCHEDULE UNDER SECTION
403.088(2)(f), F.S.

I. STATUTORY AUTHORITY

The Department of Environmental Protection (Department) issued Administrative Order AO-066-SW (Original Order) on October 4, 2000 under the authority of section 403.088 of the Florida Statutes. This Amended Administrative order which amends the Original Order, is issued by the Department to revised the Corrective Actions completion dates, for the permittee, to fully comply with the limits and requirements established and set forth in Chapters 62-600 and 62-610, Florida Administrative Code. This Amended Administrative Order shall amend the Original Order only to extent specifically stated herein, and all provisions of the original Order not addressed herein shall remain in full force and effect.

II. FINDINGS OF FACT

1. Aqua Source, Incorporated is a person under section 403.031 of the Florida Statutes.
2. AquaSource, Incorporated, Frank Hoffman, President, owns and operates a domestic wastewater facility located at 1000 Holly Lane, Port New Port Richey Florida, which discharges wastewater into groundwaters of the state as defined in section 403.031 of the Florida Statutes.
3. AquaSource Incorporated, Frank Hoffman, President, has applied for a permit under Section 403.088(2) of the Florida Statutes.
4. AquaSource Incorporated, Frank Hoffman, President, has a wastewater discharge that will not meet the following conditions associated with DEP Permit No. FLA012768 and the following statute and rules:

The domestic wastewater treatment system does not meet Chapter 62-600, Rules 62-600.300(4)(a)&(b); 62-610.300(3)(d)[Water Pollution Control Federation, 1977, Manual of Practice No. 8, Wastewater Treatment plant Design], and Recommended Standards for Sewage Works (Ten States Standards)); of the Florida Administrative Code, with incorporated references; specifically the referrals to pre-treatment. The absence of screening at the headworks with elevated levels of influent suspended solids may impede both operation and efficiency. Additional items which include safety modifications are listed in Section VI.1 of the domestic wastewater permit, and included in Section III.1. below.

AO-066-SW Jasmine Lakes WWTP

5. Sections 403.088(2)(e) and (f) of the Florida Statutes authorize the Department to issue a permit for the discharge of wastes into groundwaters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.
6. The Department finds that
 - (1) The applicant may construct, install or placing into operation, or may submit plans and a reasonable schedule for constructing, installing, or placing into operation, an approved pollution abatement facility or alternative waste disposal system;
 - (2) The applicant may need permission to pollute the waters within the state for a period of time necessary to complete research, planning, construction, installation, or operation of an approved an acceptable pollution abatement facility or alternative waste disposal system;
 - (3) There may be future, reasonable, alternative means of disposing of the waste other than by discharging it into water of the state;
 - (4) The granting of an domestic wastewater permit will be in the public interest; or
 - (5) The discharge will not be unreasonably destructive to the quality of the receiving waters.

III. ORDER

Based on the foregoing findings of fact established in the Original Order and the application for permit revision filed by Mr. Frank Hoffman, President of Aqua Source Incorporated,

IT IS ORDERED:

1. The original Order AO-066-SW is amended to comply with the following construction schedule:

| | Corrective Action | Completion Date |
|---|--|-------------------|
| 1 | Provide safety features in plant passageways and starways pursuant to Chapter 50, 10SS ¹ | March 1, 2002 |
| 2 | Provide and install flow proportional compositing apparatus to monitor influent, as required by Rule 62-601.500(3), F.A.C. | April 1, 2003 |
| 3 | Repair/replace mechanical aerators to meet minimum aeration requirements, per 10SS, Chapter 90 | April 1, 2003 |
| 4 | Replace weir on Clarifier No. 1 | April 1, 2003 |
| 5 | Update O&M Manual | May 1, 2003 |
| 6 | Address safety issues at treatment plant, including lighting | March 1, 2002 |
| 7 | Provide required 10SS Safety Standards for Rapid Drain Unit. | March 1, 2002 |
| | Submit a monitor Well Completion Report for the approved monitor wells | February 15, 2002 |

It is required prior to placing into Service the proposed modifications to the existing wastewater treatment plant, submittal of the Certification of completion using DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities.

AO-066-SW Jasmine Lakes WWTP

[62-600.735(1); 12-24-96]

¹ *Recommended Standards for Wastewater Facilities (Ten States Standards), Incorporated Reference of Rule 62-600.300(4), Florida Administrative Code.*

2. Failure to comply with the requirements of this Amended Administrative Order shall constitute a violation of this Order and DEP Permit No. FLA012768, and may subject the permittee to penalties as provided in section 403.161 of the Florida Statutes.
3. This Amended Administrative Order is final when filed with the clerk of the Department, and Frank Hoffman, then shall implement this Amended Administrative Order unless a petition for an Administrative proceeding (hearing) is filed in accordance with the Notice of Rights set forth in Section IV of the Original Order.

DONE AND ORDERED on this 24 day of Jan. 2002 in Tampa, Florida

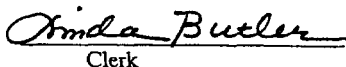
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Timothy J. Parker, P.E.
Water Facilities Administrator
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

CERTIFICATE OF FILING

FILED AND ACKNOWLEDGED on this date, under section 120.52(11) of the Florida Statutes, with the designated Department Clerk, receipt of which is acknowledged.



Clerk

Jan. 24, 2002
Date

Copies furnished to:

FDEP Water Facilities Regulation-Wastewater Management: Elsa Potts, Administrator
FDEP-Office of General Counsel



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
AquaSource Utility, Inc.

PERMIT NUMBER: FLA012768
ISSUANCE DATE: October 4, 2000
EXPIRATION DATE: October 3, 2005
COUNTY: Pasco

RESPONSIBLE AUTHORITY:

Mr. Frank Hoffman
President
6960 Professional Parkway East, Suite 400
Sarasota, FL 34240

(941) 907-7400

FACILITY:

Jasmine Lakes WWTP
1000 Holly Lane
Port Richey, FL 34668

Latitude: 28° 18' 10.28" N Longitude: 82° 41' 18.78" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. This permit is accompanied by an Administrative Order pursuant to Paragraphs 403.088(2)(e) and (f), Florida Statutes. Compliance with Administrative Order A0-066-SW is a specific requirement of this permit. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.370 mgd Three-month Annual Average Daily Flow (TMADF) Type II extended aeration domestic wastewater treatment plant, consisting of two (2) concrete aeration basins, in series, each with mechanical surface aerators of 80,000 gallons and 100,000 gallons volume respectively, for a total aeration volume of 180,000 gallons; a mechanical barscreen/flow splitter stage, two (2) secondary clarifiers of 507 ft² surface area and 38,000 gallons volume, and 531 ft² and 40,000 gallons volume, for a total surface area of 1,038ft² and 78,500 gallons total volume; one (1) chlorine contact chamber of 18,400 gallons total volume; with disinfection by gaseous chlorine; and one (1) digester of 43,000 gallons total volume. Flow measurement is by a Baird FP823 flow transmitter at a 90 V-notch weir and recorded on a Partlow 7800 totalizer with 7-day circular chart recorder. This plant is operated to provide secondary treatment with basic disinfection

A proposed 0.370 mgd Three-month Annual Average Daily Flow (TMADF) Type II extended aeration domestic wastewater treatment plant, consisting of a self cleaning static screen; one (1) surge basin [existing Imhoff Tank to be modified for use as aerated surge attenuation tankage] of 40,000 gallons; three (3) concrete aeration basins equipped with diffused aeration, of 100,000 gallons [existing] and two 100,000 gallons [new] volume, with a total aeration volume of 300,000 gallons; two (2) circular secondary clarifiers [one existing and one new] of 507 ft² surface area and 38,000 gallons volume, for a total surface area of 1,014ft² and 76,000 gallons total volume; one (1) chlorine contact chamber of 18,400 gallons total volume; with

REV-001 12/10/01
FLA012768-002-DW2MR
Sidebar indicates changes

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FACILITY: Jasmine Lakes WWTP
PERMITTEE: AquaSource Utility, Inc.
6960 Professional Parkway East, Suite 400
Sarasota, FL 34240

PERMIT NUMBER: FLA012768
EXPIRATION DATE: October 3, 2005

disinfection by liquid chlorine [sodium hypochlorite] ; and two (2) aerobic digester of 40,000 gallons [converted existing rectangular clarifier] and 43,000 gallons, with total volume of 83,000 gallons. This facility has a rapid drain sludge dewatering system with a thickened sludge holding of 14,000 gallons. Primary flow measurement is by a Baird FP823 flow transmitter at a 90 ° V-notch weir and recorded on a Partlow 7800 totalizer with 7-day circular chart recorder. This plant is operated to provide secondary treatment with basic disinfection.

REUSE:

Land Application: An existing 0.308 mgd annual average daily flow (AADF) permitted capacity rapid infiltration basin system (R-001) consisting of four (4) percolation/evaporation basins of ponds of 112,896, 112,896, 112,896, and 41,184 ft², for 379,872 ft² total bottom area. Land application system R001 is located approximately at latitude 28° 18' 20" N, longitude 82° 41' 31" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 20 of this permit and attached Discharge Monitoring Report (DMR).

FACILITY: Jasmine Lakes WWTP
 PERMITTEE: AquaSource Utility, Inc.
 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA012768
 EXPIRATION DATE: October 3, 2005

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|---------|---------|--------------------------------|-----------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|--------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow | mgd | Maximum | 0.308 ¹ (12MADF) | - | - | - | Continuous | Recording flow meters and totalizers | FLW-01 | See Cond.I.A 3 & 4 |
| BOD, Carbonaceous 5 day, 20C | mg/l | Maximum | 20.0 | 30.0 | | 60.0 | Every Two Weeks | 8-hour flow proportioned composite | EFA-01 | |
| Solids, Total Suspended | mg/l | Maximum | 20.0 | 30.0 | | 60.0 | Every Two Weeks | 8-hour flow proportioned composite | EFA-01 | |
| PH | s.u. | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-01 | |
| Coliform, Fecal | #/100ml | Maximum | See Permit Condition I.A.5. | | | | Every Two Weeks | Grab | EFA-01 | |
| Total Residual Chlorine (For Disinfection) | mg/l | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-01 | See Cond.I.A.6 |
| Nitrogen, Nitrate, Total (as N) | mg/l | Maximum | - | - | - | 12.0 | Every Two Weeks | 8-hour flow proportioned composite | EFA-01 | |

¹ Rolling Twelve Month Average is the average of the current month's average and the preceding (11) month's average.

FACILITY: Jasmine Lakes WWTP
 PERMITTEE: AquaSource Utility, Inc.
 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA012768
 EXPIRATION DATE: October 3, 2005

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---|
| EFA-01 | After disinfection and prior to discharge to the percolation/evaporation ponds |
| FLW-01 | Measured at the 90° V-notch weir equipped with a recording flow meter with totalizers |

3. The twelve month average daily flow to the reuse system R001 shall not exceed 0.308 MGD.
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 12-24-96]*
5. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.510, 8-8-99 and 62-600.440(4)(c), 12-24-96]*
6. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 8-8-99 and 62-600.440(4)(b), 12-24-96]*

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B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | Notes |
|--|-------|---------|----------------|-------------------------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|-------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | |
| Flow | mgd | Maximum | - | 0.370 ¹ (3MADF) | - | - | 5 Days/Week | Recording flow meters and totalizers | FLW-01 | See Cond.1.B.3, 5 |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | % | Maximum | - | Report (Mo.Total) | - | - | Monthly | Calculated | - | |
| BOD, Carbonaceous 5 day, 20C | mg/l | Maximum | - | Report | - | - | Every Two Weeks | 8-hour flow, proportioned composite | INF-01 | See Cond.1.B.4 |
| Solids, Total Suspended | mg/l | Maximum | - | Report | - | - | Every Two Weeks | 8-hour flow proportioned composite | INF-01 | See Cond.1.B.4 |

¹ Rolling Three Month Average is the average of the current month's average and the preceding two (2) month's average

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---|
| INF-01 | At the headworks of the facility, prior to any return activated sludge lines. |
| FLW-01 | Measured at the 90° V-notch weir equipped with a recording flow meter with totalizers |

3. The three-month average daily flow to the treatment plant shall not exceed 0.370 mgd.
4. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4), 12-24-96]
5. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6), 12-24-96]
6. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 6-1-01]
7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5), 12-24-96]
8. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 - June 30 | July 28 |
| | July 1 - September 30 | October 28 |
| | October 1 - December 31 | January 28 |
| Semiannual | January 1 - June 30 | July 28 |
| | July 1 - December 31 | January 28 |
| Annual | January 1 - December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department at the address specified below 11 by the twenty-eighth (28th) of the month following the month of operation. [62-620.610(18), 6-1-01][62-601.300(1), (2), and (3), 12-24-96]

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9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department by *thirty-first day of March* of each year. [62-601.300(4), 12-24-96][62-601.500(3), 12-24-96]
10. The permittee shall submit an annual report of reclaimed water utilization using Form 62-610.300(4)(a)2.- ANNUAL REUSE REPORT, by January 1 of each year. [62-610.870(3), 08-08-99]
11. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The permittee shall make copies of the attached DMR forms(s) and shall submit the completed DMR forms(s) to the Department by the twenty-eighth (28) of the month following the month of operation at the address specified below: [62-620.610(18), 03-02-00][62-601.300(1), (2), and (3), 12-24-96]

Florida Department of Environmental Protection
 Wastewater Facilities Regulation Section, Mail Station 3551
 Twin Towers Office Building
 2600 Blair Stone Road
 Tallahassee, Florida 32388-2400

12. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southwest District Office at the address specified below:

Florida Department of Environmental Protection
 Southwest District Office
 3804 Coconut Palm Drive
 Tampa, Florida 33619-8318

Phone Number - (813) 744-6100
 FAX Number - (813) 744-8198

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305, 6-1-01]

Internet Addresses - Use employee first name.last name@dep.state.fl.us

*per carolyn
 we do not have to
 send to Tampa
 anymore.*

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Pasco County Shady Hills Residuals Management Facility, Facility ID No. FLA012726, or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5), 03-30-98]

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3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5), 03-30-98]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4, 03-30-98]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d), 03-30-98]
6. Disposal of screenings and grit from preliminary treatment components of wastewater treatment facilities, solids from sewer line cleaning operations, and solids from lift stations and pump stations shall be in accordance with Chapter 62-701, F.A.C. and may not be processed at a permitted residuals management facility. [62-640.100(6)(k)8., 3-30-98 and 62-701.300(1)(a),4-23-97]
7. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4), 03-30-98]

8. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4), 03-30-98]

III. GROUND WATER REQUIREMENTS

1. All new ground water monitoring wells identified in Permit Condition III.2 below shall be installed prior to the application of domestic effluent to the zone of discharge. [62-522.600, 08-21-00].
2. The monitor wells designated below shall be installed at the Jasmine Lakes WWTP percolation pond site immediately upon issuance of this permit and sampled quarterly. Approximate locations of the new wells are to be as depicted on the 9/6/01 diagram developed by Azurix North America on file at the Department Southwest District office. Prior to construction of each monitor well, a soil boring shall be made at the well location in order to properly size the well depth and screen interval. [62-522.900(3), 08-21-00]

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| Monitoring Well ID | Alternate Well Name and/or Description of Monitoring Location | Depth (Feet) | Aquifer Monitored | Well Type | New or Existing |
|--------------------|---|--------------|-------------------|-----------|-----------------|
| MWB-01 | JL-1BR | Pending | Surficial | B | New |
| MWC-02 | JL-2CR | Pending | Surficial | C | New |
| MWC-03 | JL-3CR | Pending | Surficial | C | New |
| MWC-04 | JL-4CR | Pending | Surficial | C | New |
| MWC-05 | JL-6AQR | Pending | Floridan | C | New |

B - Background I - Intermediate C - Compliance
 [62-522.600(11)(b), 12/9/96]

3. The QUARTERLY sampling and analysis of all new ground water monitoring wells shall begin upon proper completion of the GWMP well system. The wells shall be sampled for the parameters identified in Permit Condition III.10. [62-522.600(11), 08-21-00].
4. Within thirty days of completion of construction of the ground water monitoring wells, a surveyed drawing shall be submitted showing the location of all monitoring wells (active and abandoned) which will be horizontally located by metes and bounds or equivalent surveying techniques. The surveyed drawing shall include the monitoring well identification number as well as location and elevation of all permanent benchmark(s) and/or corner monument marker(s) at the site. The survey shall be conducted by a Florida Registered Surveyor. [62-522.600, 08-21-00]
5. Within thirty days of completion of construction of the ground water monitoring wells, well completion reports shall be sent to the Technical Support Section, FDEP, Southwest District Office. The information is to be submitted on the attached form for each well, DEP Form 62-522.900(3), Monitor Well Completion Report. [62-522.600, 08-21-00]
6. Within 30 days of completion of construction of the ground water monitoring wells, the permittee shall submit the following information for each monitoring well:
 - 1.) A copy of the Southwest Florida Water Management District (SWFWMD) State of Florida Permit Application to Construct, Repair, Modify or Abandon a Well, Form 41.10-410(1), Rev. 4-95, and;
 - 2.) A copy of the SWFWMD Well Completion Report, Form 41.10-410(2), Rev. 8/96. [62-522.600, 08-21-00]
7. Within sixty days of completion of the ground water monitoring system, the permittee shall sample all new ground water monitoring wells for the Primary and Secondary Drinking Water parameters included in Rule 62-550, Florida Administrative Code, Public Drinking Water Ssystems (excluding asbestos, acrylamine dioxin, butachlor and epichlorohydrin), and EPA Methods 601 and 602. [620520.200(23), 62-520.400, 62-520.420, 12-09-96] [62-522.300(1), 62-522.400, and 62-522.410, 08-21-00].
8. Within sixty days of completion of construction of the ground water monitoring system, all piezometers and wells not a part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C. and the Southwest Florida Water Management District. The permittee shall submit a written report to the Department providing verification of the plugging program. A written request for exemption to the plugging of a well must be submitted to the Department's Ground Water Section for approval. [62-522.600, 12-09-96]

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9. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department immediately and a detailed written report shall follow within seven days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent the recurrence. All monitoring well design and replacement shall be approved by the Department prior to installation. [62-522.600, 08-21-00]
10. The following parameters shall be analyzed **QUARTERLY** for each of the monitoring well(s) previously identified in Item III.2.

| | |
|--|---------------------------|
| Nitrate (as N) | mg/L |
| Fecal Coliform | cts./100ml |
| Ammonia (as N) | mg/L |
| Total Dissolved Solids | mg/L |
| Sodium | mg/L |
| Chloride | mg/L |
| Sulfate | mg/L |
| Turbidity | NTUs |
| Water level (field measurement) | feet above Mean Sea Level |
| pH (field measurement) | std.units |
| Specific Conductance (field measurement) | µmhos/cm |
| Temperature (field measurement) | °C |

[62-522.600(11)(b), 12/9/96]

11. All ground water monitoring wells shall be sampled, analyzed and the results reported in accordance with the following schedule:

| Sample Period | Report Due Date |
|--------------------------------|-----------------|
| 1st Quarter (January-March) | April 28 |
| 2nd Quarter (April-June) | July 28 |
| 3rd Quarter (July-September) | October 28 |
| 4th Quarter (October-December) | January 28 |

There shall be a minimum forty-five days between any two consecutive quarterly sampling events. Additional samples, wells and parameters may be required based upon subsequent analysis. [62-522.600(11)(b), 08-21-00]

12. Ground water monitoring well test results shall be submitted on **Part D of Form 62-620.910(10)**. Results shall be submitted at the intervals specified in Permit Condition III.11. for each year during the period of operation allowed by this permit. Results shall be submitted with the DMR in accordance with Permit Condition I.B.11 [62-522.600(11)(b), 08-21-00] [62-601.300(3), 62.601.700 and Figure 3 of 62-601] [62-620.610.(18), 08-08-99]
13. The ground water minimum criteria specified in Rule 62-520.400, shall be met within the zone of discharge. [62-520.400 and 62-522.300(1), 08-21-00]
14. All ground water quality criteria specified in Chapter 62-520 and Chapter 62-522 shall be met at the edge of the zone of discharge. The zone of discharge shall extend horizontally 100 feet or to the site property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23), 62-520.400, 62-520.420, 12-09-96, 62-522.300(1), 62-522.400, and 62-522.410, 08-21-00]

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15. If at any time ground water standards are exceeded at a monitor well, the permittee has fifteen days from receipt of the laboratory analysis in which to resample the monitoring well(s) to verify the original analysis. The monitoring test results must be submitted to the Department within fifteen days of receipt of the reanalyses from the laboratory. Should the permittee choose not to resample, the Department will consider the water quality analysis as representative of current ground water conditions at the facility. *[62-522.500, 08-21-00]*
16. The Permittee shall provide verbal notice to the Natural Resources Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Natural Resources Department in a written report within 7 days of the sinkhole discovery. *[62-4.070(3), 10-22-00]*

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the property line of the facility, whichever is less, and vertically to the base of the surficial aquifer. *[62-520.200(23), 12-09-96] [62-522.400 and 62-522.410, 12-09-96]*
2. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518, 01-09-96]*
3. The annual average hydraulic loading rate to the Rapid Infiltration Basins consisting of four (4) percolation/evaporation basins of ponds shall be limited to a maximum of 2.2 inches per day (as applied to the entire bottom area). *[62-610.523(3), 8-8-99]*
4. The Rapid Infiltration Basins consisting of four (4) percolation/evaporation basins of ponds normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4), 8-8-99]*
5. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7), 8-8-99]*
6. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414, 8-8-99]*
7. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Southwest District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9), 8-8-99]*
8. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2 on or before January 1 of each year. The Annual Reuse Report shall be submitted to the following three addresses:
 - a. **Florida Department of Environmental Protection**
 Reuse Coordinator - MS 3540
 2600 Blair Stone Road
 Tallahassee, FL 32399-2400
 - David.York@DEP.STATE.FL.US

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b. **Florida Department of Environmental Protection**
 Domestic Wastewater Program
 3804 Coconut Palm Drive
 Tampa, FL 33619-8318
 Ed.Snipes@DEP.STATE.FL.US

c. **Southwest Florida Water Management District**
 Conservation Projects Section
 2379 Broad Street
 Brooksville, FL 34609
 Scott.McGookey@SWFWMD.STATE.FL.US

[62-610.870(3), 08-08-99]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a **Category III, Class C** facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 3 hours/day for 5 days/week and one weekend visit. The lead operator must be a Class C operator, or higher. [62-620.630(3), 6-1-01] [62-699.310, 5-20-92] [62-610.462, 8-8-99]
2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1), 7-5-01]
3. The application to renew this permit shall include an updated **capacity analysis report** prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5), 12-24-96]
4. The application to renew this permit shall include a detailed **operation and maintenance performance report** prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1), 12-24-96]
5. Permittee may activate or de-activate treatment trains or components of trains in accordance with procedures set forth in the plant Operating and Maintenance Manual to optimize operation for varying biological or hydraulic loadings, while maintaining plant design criteria. Such changes in operational practices shall be reported in writing or by electronic means to the Southwest District prior to the change. [62-600.410, 12-24-96]
6. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

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- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.
 [62-620.350, 6-1-01]

VI. SCHEDULES

1. A compliance schedule for this facility is included in Item III of A0-066-SW which is hereby incorporated by reference.
2. The following corrective actions shall be completed according to the following schedule:

| | Corrective Action | Completion Date |
|---|--|-------------------|
| 1 | Provide safety features in plant passageways and starways pursuant to Chapter 50, 10SS ¹ | March 1, 2002 |
| 2 | Provide and install flow proportional compositing apparatus to monitor influent, as required by Rule 62-601.500(3), F.A.C. | April 1, 2003 |
| 3 | Repair/replace mechanical aerators to meet minimum aeration requirements, per 10SS, Chapter 90 | April 1, 2003 |
| 4 | Replace weir on Clarifier No. 1 | April 1, 2003 |
| 5 | Update O&M Manual | May 1, 2003 |
| 6 | Address safety issues at treatment plant, including lighting | March 1, 2002 |
| 7 | Provide required 10SS Safety Standards for Rapid Drain Unit. | March 1, 2002 |
| | Submit a monitor Well Completion Report for the approved monitor wells | February 15, 2002 |

It is required prior to placing into Service the proposed modifications to the existing wastewater treatment plant, submittal of the Certification of completion using DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities.

[62-600.735(1), 12-24-96]

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¹ *Recommended Standards for Wastewater Facilities (Ten States Standards), Incorporated Reference of Rule 62-600.300(4), Florida Administrative Code.*

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500, 1-8-97]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5), 6-1-01]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a), 8-8-99]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8), 12-24-96 and 62-640.400(6), 3-30-98]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3), 12-26-96]
5. Collection/transmission system overflows shall be reported to the Department in accordance -with Permit Condition IX. 20. [62-604.550, 12-26-96] [62-620.610(20), 6-1-01]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.
[62-604.130(4), 12-26-96]

FACILITY: Jasmine Lakes WWTP
 PERMITTEE: AquaSource Utility, Inc.
 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA012768
 EXPIRATION DATE: October 3, 2005

7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1), 8-8-99] [and 62-600.400(2)(b), 12-24-96]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a), 4-23-97]*
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.
 - c. Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.
[62-620.625(2), 6-1-01]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1), 6-1-01]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2), 6-1-01]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), 6-1-01]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), 6-1-01]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be

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a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5), 6-1-01]

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6), 6-1-01]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7), 6-1-01]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8), 6-1-01]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules. [62-620.610(9), 6-1-01]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10), 6-1-01]
11. When requested by the Department Name4, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11), 6-1-01]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12), 6-1-01]

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13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13), 6-1-01]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14), 6-1-01]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15), 6-1-01]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16), 6-1-01]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.
 [62-620.610(17), 6-1-01]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E1, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved

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Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.
[62-620.610(18), 6-1-01]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), 6-1-01]*
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. For releases or spills of treated or untreated wastewater, unless authorized elsewhere in this permit, oral notifications as required above shall be provided using the following procedures:
 1. For unauthorized releases or spills in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting.
 - b) Name, address, and telephone number of permittee or responsible person for the discharge.
 - c) Date and time of the discharge and status of discharge (ongoing or ceased).
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater).
 - e) Estimated amount of the discharge.
 - f) Location or address of the discharge.
 - g) Source and cause of the discharge.
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date.

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- i) Description of area affected by the discharge, including name of water body affected, if any.
 - j) Other persons or agencies contacted.
2. For unauthorized releases or spills of 1,000 gallons or less, per incident, oral reports shall be provided to the Department within 24 hours from the time the permittee becomes aware of the discharge.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report. *[62-620.610(20), 6-1-01]*
21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21), 6-1-01]*
22. Bypass Provisions.
- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
 - b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
 - d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit. *[62-620.610(22), 6-1-01]*

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PERMITTEE: AquaSource Utility, Inc.
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Sarasota, FL 34240

PERMIT NUMBER: FLA012768
EXPIRATION DATE: October 3, 2005

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.
[62-620.610(23), 6-1-01]

Executed in Tampa, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Timothy J. Parker, P.E.
Water Resources Administrator
3804 Coconut Palm Drive
Tampa, FL 33619-8318
(813) 744-6100
(813) 744-8198 (FAX)

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Facilities Management Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: AquaSource Utility, Inc.
 MAILING ADDRESS: 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER FLA012768

LIMIT: Final
 CLASS SIZE: N/A

REPORT: Monthly
 GROUP: Domestic

FACILITY: Jasmine Lakes WWTP
 LOCATION: 1000 Holly Lane
 Port Richey, FL 34668

MONITORING GROUP NUMBER: R-001 and Influent

NO DISCHARGE FROM SITE:

COUNTY: Pasco

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|--------------------------------|------------------|--------------------------|----------------|---------|-----------------------|------------------------------------|
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 Y Mon.Site No. FLW-01 | Permit Requirement | 0.308 (12MADF) ¹ | mgd ¹ | | | | Calculation | Rolling 12 Month Avg. ¹ |
| Flow | Sample Measurement | | | | | | | |
| PARM Code 50050 I Mon.Site No. FLW-01 | Permit Requirement | 0.370 (3MADF) ² | mgd | Report (Mo.Avg.) | | | 5 Days/Week | Flow meters and totalizers |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Y Mon.Site No. EFA-01 | Permit Requirement | | | 20.0 (An.Avg.) | mg/l | | Calculation | Rolling 12 Month Avg. ¹ |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 I Mon.Site No. EFA-01 | Permit Requirement | | | 30.0 (Mo.Avg.) | 60.0 (Max.) | mg/l | Every Two Weeks | 8-hour FPC ³ |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Y Mon.Site No. EFA-01 | Permit Requirement | | | 20.0 (An.Avg.) | | mg/l | Calculation | Rolling 12 Month Avg. ¹ |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 I Mon.Site No. EFA-01 | Permit Requirement | | | 30.0 (Mo.Avg.) | 60.0 (Max.) | mg/l | Every Two Weeks | 8-hour FPC ³ |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Jasmine Lakes WWTP
 PASCO COUNTY

PERMIT NUMBER: FLA012768 MONITORING GROUP NUMBER: R-001 and Influent
 MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|-------|--------------------------|---------------|---------|---------|-----------------------|-----------------------------------|
| pH PARM Code 00400 1 Mon.Site No. EFA-01 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | 6.0 (Min.) | 8.5 (Max.) | s.u. | | 5 Days/Week | Grab |
| Coliform, Fecal PARM Code 74055 Y Mon.Site No. EFA-01 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | 200 (An.Avg.) | | #/100ml | | Calculation | Rolling 12 Month Avg ¹ |
| Coliform, Fecal PARM Code 74055 1 Mon.Site No. EFA-01 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | Report (Mo.Geo.Mean) | 800 (Max.) | #/100ml | | Every Two Weeks | Grab |
| Total Residual Chlorine (For Disinfection) PARM Code 50060 A Mon.Site No. EFA-01 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | 0.5 (Min.) | | mg/l | | 5 Days/Week | Grab |
| Nitrogen, Nitrate, Total (as N) PARM Code 00620 1 Mon.Site No. EFA-01 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | 12.0 (Max.) | | mg/l | | Every Two Weeks | 8-hour FPC ³ |
| | | | | | | | | | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 Mon.Site No. | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | Report (Mo.Total) | | % | | Monthly | Calculated |
| BOD, Carbonaceous 5 day, 20C PARM Code 80082 G Mon.Site No. INF-001 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | Report (Mo.Avg.) | | mg/l | | Every Two Weeks | 8-hour FPC ³ |
| Solids, Total Suspended PARM Code 00530 G Mon.Site No. INF-001 | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | Report (Mo.Avg.) | | mg/l | | Every Two Weeks | 8-hour FPC ³ |

- 1 Rolling twelve month average is the average of the current month's average and the preceding eleven (11) month's averages.
- 2 Rolling three month average is the average of the current month's average and the preceding two (2) month's averages.
- 3 FPC – flow Proportioned Composite

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DAILY SAMPLE RESULTS - PART B

Permit Number: FLA012768

Facility: Jasmine Lakes WWTP
PASCO COUNTY

Monitoring Period From: _____ To: _____

| | Flow (MGD) to R001 | CBOD5 (mg/l) | Fecal Coliform Bacteria (#/100ml) | Nitrogen, Nitrate, Total (as N) (mg/l) | pH (s.u.) | TSS (mg/l) | TRC (For Disinfect.) (mg/l) | | CBOD5 (mg/l) | TSS (mg/l) | | |
|-----------|--------------------|--------------|-----------------------------------|--|-----------|------------|-----------------------------|--|--------------|------------|--|--|
| Code | 50050 | 80082 | 74055 | 00620 | 00400 | 00530 | 50060 | | 80082 | 00530 | | |
| Mon. Site | FLW-01 | EFA-01 | EFA-01 | EFA-01 | EFA-01 | EFA-01 | EFA-01 | | INF-001 | INF-001 | | |
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| Total | | | | | | | | | | | | |
| Mo. Avg. | | | | | | | | | | | | |

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

Version 12/10/2001
REV-001 FLA012768-002-DW2MR

GROUND WATER MONITORING WELL REPORT - PART D

County: **Pasco**
 Facility Name: **Jasmine Lakes WWTP**
 Permit Number: **FLA012768**

Monitoring Well ID: **MWC-01**
 Well Type: **Compliance**
 Description: **JL-1 BR**

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

| Parameter | PARM Code | Sampling Methods | Samples Filtered (Y/N) | Preservative Added | Analysis Method | Analysis Result/Units | Detection Limits/Units |
|--|-----------|------------------|------------------------|--------------------|-----------------|-----------------------|------------------------|
| Nitrogen, Nitrate, Total (as N) | 00620 | | | | | | |
| Coliform, Fecal | 74055 | | | | | | |
| Ammonia | 00610 | | | | | | |
| Solids, Total Dissolved (TDS) | 70295 | | | | | | |
| Sodium | 00929 | | | | | | |
| Chloride (as Cl) | 00940 | | | | | | |
| Sulfate, Total | 00945 | | | | | | |
| Turbidity | 82079 | | | | | | |
| Water Level (Field Measurement) | 72020 | | | | | | |
| pH | 00406 | | | | | | |
| Specific Conductance (Field Measurement) | 00094 | | | | | | |
| Temperature | 00010 | | | | | | |
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COMMENTS AND EXPLANATION (Reference all attachments here):

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GROUND WATER MONITORING WELL REPORT - PART D

County: **Pasco**
 Facility Name: **Jasmine Lakes WWTP**
 Permit Number: **FLA012768**

Monitoring Well ID: **MWC-02**
 Well Type: **Compliance**
 Description: **JL-2CR**

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

| Parameter | PARM Code | Sampling Methods | Samples Filtered (Y/N) | Preservative Added | Analysis Method | Analysis Result/Units | Detection Limits/Units |
|--|-----------|------------------|------------------------|--------------------|-----------------|-----------------------|------------------------|
| Nitrogen, Nitrate, Total (as N) | 00620 | | | | | | |
| Coliform, Fecal | 74055 | | | | | | |
| Ammonia | 00610 | | | | | | |
| Solids, Total Dissolved (TDS) | 70295 | | | | | | |
| Sodium | 00929 | | | | | | |
| Chloride (as Cl) | 00940 | | | | | | |
| Sulfate, Total | 00945 | | | | | | |
| Turbidity | 82079 | | | | | | |
| Water Level (Field Measurement) | 72020 | | | | | | |
| pH | 00406 | | | | | | |
| Specific Conductance (Field Measurement) | 00094 | | | | | | |
| Temperature | 00010 | | | | | | |
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COMMENTS AND EXPLANATION (Reference all attachments here):

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GROUND WATER MONITORING WELL REPORT - PART D

County: Pasco
 Facility Name: Jasmine Lakes WWTP
 Permit Number: FLA012768

Monitoring Well ID: MWC-03
 Well Type: Compliance
 Description: JL-3CR

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

| Parameter | PARM Code | Sampling Methods | Samples Filtered (Y/N) | Preservative Added | Analysis Method | Analysis Result/Units | Detection Limits/Units |
|--|-----------|------------------|------------------------|--------------------|-----------------|-----------------------|------------------------|
| Nitrogen, Nitrate, Total (as N) | 00620 | | | | | | |
| Coliform, Fecal | 74055 | | | | | | |
| Ammonia | 00610 | | | | | | |
| Solids, Total Dissolved (TDS) | 70295 | | | | | | |
| Sodium | 00929 | | | | | | |
| Chloride (as Cl) | 00940 | | | | | | |
| Sulfate, Total | 00945 | | | | | | |
| Turbidity | 82079 | | | | | | |
| Water Level (Field Measurement) | 72020 | | | | | | |
| pH | 00406 | | | | | | |
| Specific Conductance (Field Measurement) | 00094 | | | | | | |
| Temperature | 00010 | | | | | | |
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COMMENTS AND EXPLANATION (Reference all attachments here):

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GROUND WATER MONITORING WELL REPORT - PART D

County:
 Facility Name:
 Permit Number:

Pasco
Jasmine Lakes WWTP
FLA012768

Monitoring Well ID: MWC-04
 Well Type: Compliance
 Description: JL-4CR

Monitoring Period

From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

| Parameter | PARAM Code | Sampling Methods | Samples Filtered (Y/N) | Preservative Added | Analysis Method | Analysis Result/Units | Detection Limits/Units |
|--|------------|------------------|------------------------|--------------------|-----------------|-----------------------|------------------------|
| Nitrogen, Nitrate, Total (as N) | 00620 | | | | | | |
| Coliform, Fecal | 74055 | | | | | | |
| Ammonia | 00610 | | | | | | |
| Solids, Total Dissolved (TDS) | 70295 | | | | | | |
| Sodium | 00929 | | | | | | |
| Chloride (as Cl) | 00940 | | | | | | |
| Sulfate, Total | 00945 | | | | | | |
| Turbidity | 82079 | | | | | | |
| Water Level (Field Measurement) | 72020 | | | | | | |
| pH | 00406 | | | | | | |
| Specific Conductance (Field Measurement) | 00094 | | | | | | |
| Temperature | 00010 | | | | | | |
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COMMENTS AND EXPLANATION (Reference all attachments here):

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GROUND WATER MONITORING WELL REPORT - PART D

County: Pasco
 Facility Name: Jasmine Lakes WWTP
 Permit Number: FLA012768

Monitoring Well ID: MWC-05
 Well Type: Compliance
 Description: JL-6AQR

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? Yes No

Time Sample Obtained: _____

| Parameter | PARM Code | Sampling Methods | Samples Filtered (Y/N) | Preservative Added | Analysis Method | Analysis Result/Units | Detection Limits/Units |
|--|-----------|------------------|------------------------|--------------------|-----------------|-----------------------|------------------------|
| Nitrogen, Nitrate, Total (as N) | 00620 | | | | | | |
| Coliform, Fecal | 74055 | | | | | | |
| Ammonia | 00610 | | | | | | |
| Solids, Total Dissolved (TDS) | 70295 | | | | | | |
| Sodium | 00929 | | | | | | |
| Chloride (as Cl) | 00940 | | | | | | |
| Sulfate, Total | 00945 | | | | | | |
| Turbidity | 82079 | | | | | | |
| Water Level (Field Measurement) | 72020 | | | | | | |
| pH | 00406 | | | | | | |
| Specific Conductance (Field Measurement) | 00094 | | | | | | |
| Temperature | 00010 | | | | | | |
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COMMENTS AND EXPLANATION (Reference all attachments here):

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INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring well data.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--------------------------------------|
| ANC | Analysis not conducted. |
| DRY | Dry Well |
| FLD | Flood disaster. |
| IFS | Insufficient flow for sampling. |
| LS | Lost sample. |
| MNR | Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |
| TNTC | Too numerous to count (for fecal coliform bacteria only). |

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions and code should be used:

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--|
| < | If the sampled value is less than the method detection limit (MDL), enter a less than sign followed by the laboratory's MDL value, e.g. < 0.001. In cases where a laboratory reports a value which is less than the parameter's practical quantification limit (PQL), but, not less than the MDL, the value should be reported as the laboratory's MDL value. For example, where the MDL = 0.001, the PQL = 0.005 and the laboratory reports <0.005 (the PQL), the value of 0.001 should be reported on the DMR. |

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following blanks in the header should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.).

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

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PART B - DAILY PLE RESULTS

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Three-month Average Daily Flow: Calculate and enter the three-month average daily flow to the treatment facility.

(TMADF/Permitted Capacity) x 100: Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.

Daily Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

Type of Effluent Disposal or Reclaimed Water Reuse: Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).

Limited Wet Weather Discharge Activated: If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

PART C - LIMITED WET WEATHER DISCHARGE

This part is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. All information is to be provided for each day on which the limited wet weather discharge was activated.

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this calendar year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Date: Enter the date on which the discharge occurred.

Duration of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.

Gallons Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.

Average Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Average Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Stream Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Total P: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100%.

Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Sampling Methods: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Preservatives Added: State what preservatives were added to the sample.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Analysis Result/Units: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.

Detection Limits/Units: Record the detection limits of the analytical methods used and the units associated with them.

Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.



Jeb Bush
Governor

Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Aquasource, Inc.

PERMIT NUMBER: FLA010590
PA FILE NUMBER: FLA010590-003-DW3P
ISSUANCE DATE: February 6, 2004
EXPIRATION DATE: February 5, 2009

RESPONSIBLE AUTHORITY:

Mr. Glen Labrecoue
Vice President
1343 NE 17th Road
Ocala, FL 34770

(352) 732-6027

FACILITY:

Kings Cove WWTF
Royal Oak Drive
Leesburg, FL 34731
Lake County
Latitude: 28° 51' 43" N Longitude: 81° 52' 03" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.055 million gallon day (mgd) annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of flow equalization, aeration, secondary clarification, chlorination and aerobic digestion of residuals.

REUSE:

Land Application: An existing 0.055 mgd AADF permitted capacity restricted access rapid infiltration basin system (R-001) consisting of two percolation ponds with a total wetted area of 1.38 acres (29,000 sq ft each). Land application system R-001 is located approximately at latitude 28° 51' 45" N, longitude 81° 52' 00" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 13 of this permit.

FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001 (two percolation ponds). Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow | MGD | Maximum | 0.055 | - | - | - | 5 Days/Week | Meter | FLW-1 | See Cond. I.A.3. |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| Solids, Total Suspended | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | |
| Coliform, Fecal | #/100 ML | Maximum | See Permit Condition I.A.4. | | | | Monthly | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond. I.A.5. |
| Nitrogen, Nitrate, Total (as N) | MG/L | Maximum | - | - | - | 12.0 | Annually | Grab | EFA-1 | See Cond. I.A.6. |

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FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|------------------------------------|
| EFA-1 | Chlorine contact chamber effluent |
| FLW-1 | Elapsed time meter on pumps |

3. Elapsed time meters on pumps are utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and .500(6)]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.510 and 62-600.440(4)(c)]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510 and 62-600.440(4)(b)]
6. Nitrate nitrogen (NO₃) concentration in the water discharged to the rapid rate system shall not exceed 12.0 mg/L. or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. [62-610.510]

FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|--|----------|---------|----------------|--------------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Solids, Total Suspended | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | PER CENT | Maximum | - | Report (Mo. Total) | - | - | Monthly | Calculated | - | | |

FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|------------------------------------|
| INF-1 | Raw influent to surge tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 7 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

7. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, Lake County Water Resource Management and the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

VI. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Central Process Residuals Management Facility (RMF) or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]

FACILITY: Kings Cove WWTF
 PERMITTEE: Aquasource, Inc.

PERMIT NUMBER: FLA010590
 EXPIRATION DATE: February 5, 2009

2. The annual average hydraulic loading rate to the two rapid rate percolation ponds with a total wetted area of 1.38 acres (29,000 sq ft each) shall be limited to a maximum of 1.53 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The two rapid rate percolation ponds with a total wetted area of 1.38 acres (29,000 sq ft each) normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

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- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

Section VI is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. *[62-620.410(5)]*
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-610.850(1)(a) and (2)(a)]*
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*

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6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
- Which may cause fire or explosion hazards; or
 - Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4)]

7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1)] [and 62-600.400(2)(b)]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
9. The permittee shall provide adequate notice to the Department of the following:
- Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.
- Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

- The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
- This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
- As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
- This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold

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interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]

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12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field

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procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.

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2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

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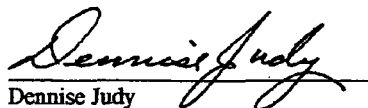
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- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Dennise Judy
Program Manager
Domestic Waste

Date: February 6, 2004

DEPARTMENT OF ENVIRONMENTAL PROTECTION ON DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Aquasource, Inc.
 MAILING ADDRESS: 1343 NE 17th Road
 Ocala, FL 34770

PERMIT NUMBER: FLA010590

LIMIT: Final
 CLASS SIZE: N/A

REPORT: Monthly
 GROUP: Domestic

FACILITY: Kings Cove WWTF
 LOCATION: Royal Oak Drive
 Leesburg, FL 34731

MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: Two Rapid Rate Percolation Ponds, including Influent

COUNTY: Lake

NO DISCHARGE FROM SITE:

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | | Units | Quality or Concentration | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|--|-------|--------------------------|----------------|-------|---------|-----------------------|-------------|
| | | | | | | | | | | |
| Flow | Sample Measurement | | | | | | | | | |
| PARM Code 50050 Y Mon.Site No. FLW-1 | Permit Requirement | 0.055 (An.Avg.) | | MGD | | | | | 5 Days/Week | Meter |
| Flow | Sample Measurement | | | | | | | | | |
| PARM Code 50050 1 Mon.Site No. FLW-1 | Permit Requirement | Report (Mo.Avg.) | | MGD | | | | | 5 Days/Week | Meter |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | | |
| PARM Code 80082 Y Mon.Site No. EFA-1 | Permit Requirement | | | | 20.0 (An.Avg.) | | MG/L | | Monthly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | | |
| PARM Code 80082 1 Mon.Site No. EFA-1 | Permit Requirement | | | | Report (Mo.Avg.) | 60.0 (Max.) | MG/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | | |
| PARM Code 00530 Y Mon.Site No. EFA-1 | Permit Requirement | | | | 20.0 (An.Avg.) | | MG/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | | |
| PARM Code 00530 1 Mon.Site No. EFA-1 | Permit Requirement | | | | Report (Mo.Avg.) | 60.0 (Max.) | MG/L | | Monthly | Grab |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Kings Cove WWTF

PERMIT NUMBER: FLA010590

MONITORING GROUP NUMBER: R-001

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | | Units | Quality or Concentration | | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|-------------------------|---------------------|--|-------|--------------------------|---------------|--|----------|---------|-----------------------|-------------|
| | | | | | | | | | | | |
| pH | Sample Measurement | | | | | | | | | | |
| PARM Code 00400 Mon.Site No. EFA-1 | 1 Permit Requirement | | | | 6.0 (Min.) | 8.5 (Max.) | | SU | | 5 Days/Week | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | | | | |
| PARM Code 74055 Mon.Site No. EFA-1 | Y Permit Requirement | | | | 200 (An.Avg.) | | | #/100ML | | Monthly | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | | | | |
| PARM Code 74055 Mon.Site No. EFA-1 | 1 Permit Requirement | | | | Report (Mo.Geo.Mean) | 800 (Max.) | | #/100ML | | Monthly | Grab |
| Total Residual Chlorine (For Disinfection) | Sample Measurement | | | | | | | | | | |
| PARM Code 50060 Mon.Site No. EFA-1 | A Permit Requirement | | | | 0.5 (Min.) | | | MG/L | | 5 Days/Week | Grab |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | Sample Measurement | | | | | | | | | | |
| PARM Code 00180 Mon.Site No. | Permit Requirement | | | | Report (Mo.Total) | | | PER-CENT | | Monthly | Calculated |
| Nitrogen, Nitrate, Total (as N) | Sample Measurement | | | | | | | | | | |
| PARM Code 00620 Mon.Site No. EFA-1 | 1 Permit Requirement | | | | 12.0 (Max.) | | | MG/L | | Annually | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | | | |
| PARM Code 80082 Mon.Site No. INF-1 | G Permit Requirement | | | | Report (An.Avg.) | | | MG/L | | Annually | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | | | |
| PARM Code 00530 Mon.Site No. INF-1 | G Permit Requirement | | | | Report (An.Avg.) | | | MG/L | | Annually | Grab |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |
| | Sample Measurement | | | | | | | | | | |
| | Permit Requirement | | | | | | | | | | |

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DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010590

Facility: Kings Cove WWTF

Monitoring Period From: _____ To: _____

| | CBOD5 (MG/L) | Fecal Coliform Bacteria (#/100ML) | pH (SU) | TSS (MG/L) | TRC (For Disinfect.) (MG/L) | Flow (MGD) | | | | |
|-----------|--------------|-----------------------------------|---------|------------|-----------------------------|------------|--|--|--|--|
| Code | 80082 | 74055 | 00400 | 00530 | 50060 | 50050 | | | | |
| Mon. Site | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | FLW-1 | | | | |
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| 31 | | | | | | | | | | |
| Total | | | | | | | | | | |
| Mo. Avg. | | | | | | | | | | |

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

The DMR consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring well data.

Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

In addition to filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--------------------------------------|
| ANC | Analysis not conducted. |
| DRY | Dry Well |
| FLD | Flood disaster. |
| IFS | Insufficient flow for sampling. |
| LS | Lost sample. |
| MNR | Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one half the MDL or half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following blanks in the header should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of effluent for a particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.).

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

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PART B - DAILY SAMPLING RESULTS

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Three-month Average Daily Flow: Calculate and enter the three-month average daily flow to the treatment facility.

(TMADF/Permitted Capacity) x 100: Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.

Daily Monitoring Results: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

Type of Effluent Disposal or Reclaimed Water Reuse: Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).

Limited Wet Weather Discharge Activated: If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

PART C - LIMITED WET WEATHER DISCHARGE

This part is to be completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. All information is to be provided for each day on which the limited wet weather discharge was activated.

Month/Year: Enter the month and year during which the data on this report were collected and analyzed.

Rainfall Information: Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this calendar year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Date: Enter the date on which the discharge occurred.

Duration of Discharge: Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.

Gallons Discharged: Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.

Average Discharge Flow Rate: Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Average Upstream Flow Rate: Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Stream Dilution Factor: Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Total P: Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100%.

Reason for Discharge: Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Sampling Methods: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Preservatives Added: State what preservatives were added to the sample.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Analysis Result/Units: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.

Detection Limits/Units: Record the detection limits of the analytical methods used and the units associated with them.

Comments and Explanations: Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.



Jeb Bush
Governor

Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Aqua Utilities Florida, Inc.

PERMIT NUMBER:

FLA010533

PA FILE NUMBER:

FLA010533-003-DW3P

ISSUANCE DATE:

June 24, 2005

EXPIRATION DATE:

June 23, 2010

RESPONSIBLE AUTHORITY:

Mr. Glenn Labrecque
President
1343 NE 17th Road
Ocala, FL 34470

(352) 369-4881

FACILITY:

Summit Chase Villas WWTF
Woodlea Road
Tavares, FL 32778
Lake County
Latitude: 28° 47' 16" N Longitude: 81° 45' 04" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.054 mgd annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of flow equalization, influent screening, aeration, secondary clarification, chlorination, and aerobic digestion of residuals

REUSE:

Land Application: An existing 0.054 MGD AADF permitted capacity rapid infiltration basin system (R-001). R-001 consists of two percolation ponds with a total wetted area of 0.34 acres located approximately at latitude 28° 47' 16" N, longitude 81° 45' 4" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 13 of this permit.

FACILITY: Summit Chase Villas WWTF
 PERMITTEE: Aqua Utilities Florida, Inc.

PERMIT NUMBER: FLA010533
 EXPIRATION DATE: June 23, 2010

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|------------------------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow, Total Through Plant | MGD | Maximum | 0.054 | - | - | - | 5 Days/Week | Elapsed time meters on pumps | FLW-1 | See Cond. I.A.3. |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| Solids, Total Suspended | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | |
| Coliform, Fecal | #/100 ML | Maximum | See Permit Condition I.A.4. | | | | Monthly | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond. I.A.5. |
| Nitrogen, Nitrate, Total (as N) | MG/L | Maximum | - | - | - | 12.0 | Annually | Grab | EFA-1 | See Cond. I.A.6. |

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2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---|
| EFA-1 | Chlorine contact chamber effluent |
| FLW-1 | Elapsed time meters on lift station pumps |

3. Elapsed time meters on pumps will be utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and .500(6)]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.510 and 62-600.440(4)(c)]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510 and 62-600.440(4)(b)]
6. Nitrate nitrogen (NO₃) concentration in the water discharged to the rapid rate reuse system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. [62-610.510]

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|--|----------|---------|----------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Solids, Total Suspended | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | PER CENT | Maximum | - | Report | - | - | Monthly | Calculated | CAL-1 | | |

FACILITY: Summit Chase Villas WWTF
 PERMITTEE: Aqua Utilities Florida, Inc.

PERMIT NUMBER: FLA010533
 EXPIRATION DATE: June 23, 2010

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|------------------------------------|
| CAL-1 | Calculate from daily flow |
| INF-1 | Raw influent to surge tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 7 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

7. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, Lake County Water Resource Management and the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

FACILITY: Summit Chase Villas WWTF
 PERMITTEE: Aqua Utilities Florida, Inc.

PERMIT NUMBER: FLA010533
 EXPIRATION DATE: June 23, 2010

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Central Process, d.b.a. American Pipe and Tank or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The annual average hydraulic loading rate to the two percolation ponds with a total wetted area of 0.34 acres shall be limited to a maximum of 5.8 inches per day (as applied to the entire bottom area). [62-610.523(3)]

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3. The two percolation ponds with a total wetted area of 0.34 acres normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;

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 EXPIRATION DATE: June 23, 2010

- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

Section VI is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4)]

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7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1)] [and 62-600.400(2)(b)]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

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7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

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16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.
- [62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C.
- [62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:

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1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21)]
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and

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2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

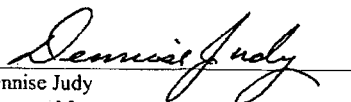
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
 ENVIRONMENTAL PROTECTION


 Dennise Judy
 Program Manager
 Domestic Waste

DATE : June 23, 2005



Jeb Bush
Governor

Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Aqua Utilities Florida Inc

PERMIT NUMBER:

FLA011261

PA FILE NUMBER:

FLA011261-004-DW3P

ISSUANCE DATE:

February 6, 2006

EXPIRATION DATE:

February 2, 2011

RESPONSIBLE AUTHORITY:

Mr. Glenn Labrecque
Vice President
6960 Professional Pkwy E Suite 400
Sarasota, FL 34240

FACILITY:

Jungle Den WWTF
1901 Alice Drive
Astor, FL
Volusia County
Latitude: 29° 10' 42" N Longitude: 81° 31' 49" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.021 mgd annual average daily flow (AADF) permitted capacity (0.025 MGD design capacity) extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of residuals.

REUSE:

Land Application: An existing 0.021 MGD AADF permitted capacity slow-rate restricted public access system (R-001). R-001 consists of two in-line holding ponds and a sprayfield with a total wetted area of 3.4 acres having a capacity of 0.021 MGD located approximately at latitude 29° 10' 42" N, longitude 81° 31' 49" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 14 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location/Site Number | Notes |
| Flow, to Sprayfield | MGD | Maximum | 0.021 | - | - | - | 5 Days/Week | Recording flow meters and totalizers | FLW-1 | See Cond. I.A.3. |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| Solids, Total Suspended | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | |
| Coliform, Fecal | #/100 ML | Maximum | See Permit Condition I.A.4. | | | | Monthly | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond. I.A.5. |

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2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|------------------------------------|------------------------------------|
| EFA-1 | Chlorine contact chamber effluent |
| FLW-1 | Flow meter to sprayfield |

3. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.410 and 62-600.440(4)(c)]
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410 and 62-600.440(4)(b)]

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|--|----------|---------|----------------|-----------------|----------------|---------------|-------------------------|-------------------------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| Flow, Total Through Plant | MGD | Maximum | 0.021 | - | - | - | 5 Days/Week | Parshall flume and flow meter | FLW-2 | See Cond. I.B.4. | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Solids, Total Suspended | MG/L | Maximum | Report | - | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | PER CENT | Maximum | - | Report | - | - | Monthly | Calculated | CAL-1 | | |

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|------------------------------------|------------------------------------|
| CAL-1 | Calculate from daily flow |
| FLW-2 | Parshall flume and flow meter |
| INF-1 | Raw influent to aeration tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. Meter shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6)]
6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month - last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 - June 30 | July 28 |
| | July 1 - September 30 | October 28 |
| | October 1 - December 31 | January 28 |
| Semiannual | January 1 - June 30 | July 28 |
| | July 1 - December 31 | January 28 |
| Annual | January 1 - December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 8 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

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8. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, Volusia County Environmental Management and the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Septic Tanks Residuals Management Facility or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

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III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part II Slow-Rate/Restricted Access System(s) (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1)]
2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
3. The annual average hydraulic loading rate to the sprayfield with a total wetted area of 3.4 acres shall be limited to a maximum of 1.6 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4)]
4. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b)]
5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425]
6. Irrigation of edible food crops is prohibited. [62-610.426]
7. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:
 A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead operator must be a Class C operator, or higher.
 [62-620.630(3)] [62-699.310] [62-610.462]
2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

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- b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
- c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

| | Improvement Action | Completion Date |
|---|--|-----------------|
| 1 | Label all valves, piping, and all hazards. | May 1, 2006 |
| 2 | Clear the accumulated duckweed on the surface of both cells of the effluent holding pond. | April 1, 2006 |
| 3 | Place the sprayfield spray headers on a routine inspection and cleaning schedule for preventative maintenance. | April 15, 2006 |

[62-600.735(1)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. [62-620.335(1)-(4)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]

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3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems.

[62-604.130(5)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.418(1)] [and 62-600.400(2)(b)]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a)]
9. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. [62-4.070(3)]
10. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

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Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;

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- c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.
- [62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
 11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
 12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
 13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
 14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
 15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
 16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
 17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

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18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:

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- a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.
- [62-620.610(20)]*
21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
 - b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
 - d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

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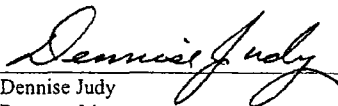
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION


Dennise Judy
Program Manager
Domestic Waste

DATE: February 6, 2006

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Aqua Utilities Florida Inc
 MAILING ADDRESS: 6960 Professional Pkwy E Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA011261

Expiration Date: February 2, 2011

FACILITY: Jungle Den WWTF
 LOCATION: 1901 Alice Drive
 Astor, FL

LIMIT: Final
 CLASS SIZE: N/A

REPORT: Monthly
 GROUP: Domestic

MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Volusia

NO DISCHARGE FROM SITE:

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---------------------------------------|-------------------------|---------------------|-------|--------------------------|----------------|---------|-----------------------|----------------|
| Flow, to Sprayfield | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon.Site No. FLW-1 | Y Permit Requirement | 0.021 (An.Avg.) | MGD | | | | 5 Days/Week | Flow Totalizer |
| Flow, to Sprayfield | Sample Measurement | | | | | | | |
| PARM Code 50050 Mon.Site No. FLW-1 | I Permit Requirement | Report (Mo.Avg.) | MGD | | | | 5 Days/Week | Flow Totalizer |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon.Site No. EFA-1 | Y Permit Requirement | | | 20.0 (An.Avg.) | mg/l | | Monthly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | |
| PARM Code 80082 Mon.Site No. EFA-1 | A Permit Requirement | | | Report (Mo.Avg.) | 60.0 (Max.) | mg/l | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon.Site No. EFA-1 | Y Permit Requirement | | | 20.0 (An.Avg.) | mg/l | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | |
| PARM Code 00530 Mon.Site No. EFA-1 | A Permit Requirement | | | Report (Mo.Avg.) | 60.0 (Max.) | mg/l | Monthly | Grab |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Jungle Den WWTF

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA011261

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | | Units | Quality or Concentration | | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---|-------------------------|---------------------|---------------------|-----------------------|--------------------------|---------------|--|----------|---------|-----------------------|-------------------------------|
| | | | | | | | | | | | |
| pH | Sample Measurement | | | | | | | | | | |
| PARM Code 00400 Mon.Site No. EFA-1 | A Permit Requirement | | | | 6.0 (Min.) | 8.5 (Max.) | | SU | | 5 Days/Week | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | | | | |
| PARM Code 74055 Mon.Site No. EFA-1 | Y Permit Requirement | | | | 200 (An.Avg.) | | | #/100ML | | Monthly | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | | | | |
| PARM Code 74055 Mon.Site No. EFA-1 | A Permit Requirement | | | | Report (Mo.Geo.Mean) | 800 (Max.) | | #/100ML | | Monthly | Grab |
| Total Residual Chlorine (For Disinfection) | Sample Measurement | | | | | | | | | | |
| PARM Code 50060 Mon.Site No. EFA-1 | A Permit Requirement | | | | 0.5 (Min.) | | | mg/l | | 5 Days/Week | Grab |
| Flow, Total Through Plant | Sample Measurement | | | | | | | | | | |
| PARM Code 50050 Mon.Site No. FLW-2 | P Permit Requirement | | 0.021 (An.Avg.) | | MGD | | | | | 5 Days/Week | Parshall Flume and flow meter |
| Flow, Total Through Plant | Sample Measurement | | | | | | | | | | |
| PARM Code 50050 Mon.Site No. FLW-2 | Q Permit Requirement | | Report (Mo.Avg.) | Report (3-Mo.Avg.) | MGD | | | | | 5 Days/Week | Parshall Flume and flow meter |
| Percent Capacity, (TMADF/ Permitted Capacity) x 100 | Sample Measurement | | | | | | | | | | |
| PARM Code 00180 Mon.Site No. CAL-1 | P Permit Requirement | | | | Report | | | PER-CENT | | Monthly | Calculated |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | | | |
| PARM Code 80082 Mon.Site No. INF-1 | G Permit Requirement | | | | Report | | | mg/l | | Annually | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | | | |
| PARM Code 00530 Mon.Site No. INF-1 | G Permit Requirement | | | | Report | | | mg/l | | Annually | Grab |

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DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011261
 Monitoring Period: From: _____ To: _____

Facility: Jungle Den WWTF

| | CBODS (mg/l) | Fecal Coliform Bacteria (#/100ML) | pH (SU) | TSS (mg/l) | TRC (For Disinfect.) (mg/l) | Flow (MGD) | Flow (MGD) | | | |
|-----------|--------------|-----------------------------------|---------|------------|-----------------------------|------------|------------|--|--|--|
| Code | 80082 | 74055 | 00400 | 00530 | 50060 | 50050 | 50050 | | | |
| Mon. Site | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | FLW-1 | FLW-2 | | | |
| 1 | | | | | | | | | | |
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| 31 | | | | | | | | | | |
| Total | | | | | | | | | | |
| Mo. Avg. | | | | | | | | | | |

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data. When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--------------------------------------|
| ANC | Analysis not conducted. |
| DRY | Dry Well |
| FLD | Flood disaster. |
| IFS | Insufficient flow for sampling. |
| LS | Lost sample. |
| MNR | Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| < | The compound was analyzed for but not detected. |
| A | Value reported is the mean (average) of two or more determinations. |
| J | Estimated value, value not accurate. |
| Q | Sample held beyond the actual holding time. |
| Y | Laboratory analysis was from an unpreserved or improperly preserved sample. |

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.



Jeb Bush
Governor

Department of Environmental Protection

FILE

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549
(239) 332-8975

Colleen M. Castilla
Secretary

STATE OF FLORIDA
NOTICE OF TRANSFER OF PERMIT

ENTERED JUL 16 2004

CERTIFIED MAIL NO.: 7003 2260 0004 9496 2907
RETURN RECEIPT REQUESTED

In the Matter of an Application
for Permit by:

Glenn P. LaBrecque, Aqua Utilities Florida, Inc.
Vice President and Chief Operating Officer
6960 Professional Parkway East, Suite 400
Sarasota, Florida 34240

Highlands County - DW
Leisure Lakes WWTP (AKA: Covered Bridge)
DEP Wastewater Permit Number: FLA014388
Transfer Number: FLA014388-003-DWF

Dear Mr. LaBrecque:

In response to your application for transfer of a permit, this is notification of the Department of Environmental Protection ("Department") revision of wastewater permit number FLA014365 to incorporate changes, issued under Section(s) 403.087 of the Florida Statutes to change the name of the permittee as follows:

FROM:

Craig J. Anderson, Florida Water Services
Florida Water Services Corporation
P. O. BOX 609520
Orlando, FL 32860-9520

TO:

Glenn P. LaBrecque, Aqua Utilities Florida, Inc.
Vice President and Chief Operating Officer
6960 Professional Parkway East, Suite 400
Sarasota, Florida 34240

This letter must be attached to the above referenced permit and becomes a permanent part thereof. The permit expiration date and all the conditions of the permit shall remain the same.

The Department's proposed agency action shall become final unless a timely petition for an administrative proceeding (hearing) is filed pursuant to Sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for an administrative hearing are set forth below.

A person whose substantial interests are affected by the Department's permitting decision may petition for an administrative hearing in accordance with the provisions of Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions filed by the permittee or by any of the parties listed below must be filed within fourteen (14) days of receipt of this written notice. Petitions filed by any person other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of the written notice, whichever occurs first. However, pursuant to Section 120.60(3) of the Florida Statutes, any

Page 1 of 3

"More Protection, Less Process"

Printed on recycled paper.

Glenn P. LaBrecque, Aqua Utilities, Inc.
 Leisure Lakes WWTP (AKA: Covered Bridge
 Transfer Number: FLA014388

person who has asked the Department for notice of agency action may file a petition within fourteen (14) days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the permittee at the address indicated above at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative hearing under Sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts upon which the Department's action is based must contain the following information:

- (a) the name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department's permit identification number, and the name of the county in which the subject matter or activity is located;
- (b) a statement of how and when each petitioner received notice of the Department's action;
- (c) a statement of how each petitioner's substantial interests are affected by the Department's action;
- (d) a statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) a statement of facts that the petitioner contends warrant reversal or modification of the Department's action;
- (f) a concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) a statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301 of the Florida Administrative Code.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (which include the permittee, the Department, and any person who has filed a timely and sufficient petition for hearing). The agreement must contain all the information required by Rule 28-106.404 of the Florida Administrative Code and must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten (10) days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to an administrative hearing if mediation does not result in a settlement.

As provided in Section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57 of the Florida Statutes for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty (60) days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect substantial interests that would be affected by such a modified final decision must file their petitions within the appropriate time period, as set forth above, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57 of the Florida Statutes. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57 of the Florida Statutes remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

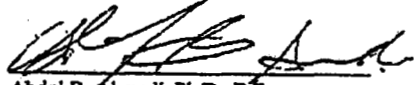
Glenn P. LaBrecque, Aqua Utilities, Inc.
 Leisure Lakes WWTP (AKA: Covered Bridge)
 Transfer Number: FLA014388

This action is final and effective on the date filed with the clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above provisions. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department.

Any party to this order has the right to seek judicial review of the order under Section 120.68 of the Florida Statutes by the filing of a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty (30) days from the date when this order is filed with the clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
 OF ENVIRONMENTAL PROTECTION


 Abdul B. Ahmadi, Ph.D., P.E.
 Water Facilities Administrator

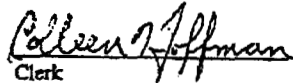
DATE: 07-02-2004

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF TRANSFER OF PERMIT and all copies were mailed by certified mail before the close of business on July __, 2004 to the listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52 of the Florida Statutes with the designated Department clerk, receipt of which is hereby acknowledged.

 7-2-04
 Clerk Date

JMI/SRM/cfh

Copies furnished to:

Keith Kleinmann - Fort Myers FDEP
 Craig J. Anderson - Florida Water Services



Jeb Bush
Governor

Department of Environmental Protection

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549
Ph. (239) 332-6975
Fax (239) 332-6969

Colleen M. Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Aqua Utilities Florida, Inc.

PERMIT NUMBER: FLA014388
PA FILE NUMBER: FLA014388-002-DW3P
ISSUANCE DATE: July 28, 2004
EXPIRATION DATE: July 27, 2009

RESPONSIBLE AUTHORITY:

Mr. Glenn P LaBrecque
Vice President and Chief Operating Officer
6960 Professional Parkway East, Suite 400
Sarasota, FL 34240

(407) 598-4199

FACILITY:

Leisure Lakes/Covered Bridge WWTP
101 Parkview Circle
Lake Placid, FL 33852
Highlands County
Latitude: 27° 21' 00" N Longitude: 81° 25' 00" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

Operate a 0.050 MGD annual average daily Flow (AADF) extended aeration process domestic wastewater treatment facility consisting of ten aeration basins with a total volume of 50,000 gallons, dual blowers, dual clarifiers with a total volume of 12,400 gallons, dual chlorine contact chambers with a total volume of 4,950 gallons, and a 5,000 gallon digester.

REUSE:

Land Application: An existing 0.05 MGD annual average daily flow (AADF) permitted capacity rapid infiltration basin system (R-001). R-001 consists of dual percolation ponds located approximately at latitude 27° 21' 10" N, longitude 81° 25' 06" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 17 of this permit.

FACILITY: Leisure Lakes/Covered Bridge WWTP
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | Notes |
|--|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|-----------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | See Cond.IA.5 |
| Solids, Total Suspended | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Monthly | Grab | EFA-1 | See Cond.IA.5 |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | See Cond.IA.5 |
| Coliform, Fecal | #/100M L | Maximum | See Permit Condition IA.3. | | | | Monthly | Grab | EFA-1 | See Cond.IA.5 |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond.IA.4&5 |
| Nitrogen, Nitrate, Total (as N) | MG/L | Maximum | - | - | - | 12.0 | Monthly | Grab | EFA-1 | See Cond.IA.5 |

FACILITY: Leisure Lakes/Coveridge WWTP
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|--|
| EFA-1 | Samples are taken from the V-notch weir located after the chlorine contact chambers and before discharge into the percolation ponds. |

3. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-610.510 and 62-600.440(4)(c)]
4. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510 and 62-600.440(4)(b)]
5. Grab samples shall be collected during periods of minimal treatment plant pollutant removal efficiencies or maximum hydraulic and/or organic loading. [Rule 62-600.740(1)(a) 2]

FACILITY: Leisure Lakes/Covered Bridge WWTP
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|--|---------|---------|----------------|-------------------|----------------|---------------|-------------------------|--------------|---------------------------------|---------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| Flow | MGD | Maximum | 0.05 | - | - | - | 5 Days/Week | V-notch weir | FLW-1 | See Cond.LB.4 | |
| Solids, Total Suspended | MG/L | Maximum | - | Report | - | - | Every Two Weeks | Grab | INF-1 | See Cond.LB.3 | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | - | Report | - | - | Every Two Weeks | Grab | INF-1 | See Cond.LB.3 | |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | PERCENT | Maximum | - | Report (Mo.Total) | - | - | Monthly | Calculated | - | | |

FACILITY: Leisure Lakes/Covered Edge WWTP
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|--|
| FLW-1 | A V notch weir located after the final CCC is used to measure flow. An EIT Recording Flow meter is used to totalize daily flows. |
| INF-1 | Samples are taken from the influent force main before it enters the facility. |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
4. A 90° V-notch weir primary device along with an EIT recording flow meter shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's South District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's South District Office at the address specified in Permit Condition I.B. 8 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-601.300(1), (2), and (3)]

FACILITY: Leisure Lakes/Covered Ridge WWTP
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

8. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's South District Office at the address specified below:

South District Office
 Post Office Box 2549
 Fort Myers, Florida 33902-2549

Phone Number - (239) 332-6975
 FAX Number - (239) 332-6969

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is land application or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee will not be held responsible for violations resulting from land application of residuals if the permittee can demonstrate that it has delivered residuals that meet the parameter concentrations and appropriate treatment requirements of this rule and the applier (e.g. hauler, contractor, site manager, or site owner) has legally agreed in writing to accept responsibility for proper land application of the residuals. Such an agreement shall state that the applier agrees, upon delivery of residuals that have been treated as required by Chapter 62-640, F.A.C., that he will accept responsibility for proper land application of the residuals as required by Chapter 62-640, F.A.C., and that the applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, F.A.C. [62-640]
6. The domestic wastewater residuals for this facility are classified as Class B.
7. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(3) (Use of PSRP) of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(1)(b)]
8. The permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in section 503.33(b)(6) (Add alkaline materials to raise the pH under specified conditions) of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(2)(a)]
9. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(8)]
10. The permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every twelve (12) months.

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| Parameter | Ceiling Concentrations (Single Sample) | Cumulative Application Limits |
|------------------|---|----------------------------------|
| Total Nitrogen | (Report only) % dry weight | Not applicable |
| Total Phosphorus | (Report only) % dry weight | Not applicable |
| Total Potassium | (Report only) % dry weight | Not applicable |
| Arsenic | 75 mg/kg dry weight | 36.6 pounds/acre |
| Cadmium | 85 mg/kg dry weight | 34.8 pounds /acre |
| Copper | 4300 mg/kg dry weight | 1340 pounds/acre |
| Lead | 840 mg/kg dry weight | 268 pounds/acre |
| Mercury | 57 mg/kg dry weight | 15.2 pounds/acre |
| Molybdenum | 75 mg/kg dry weight | Not applicable |
| Nickel | 420 mg/kg dry weight | 375 pounds/acre |
| Selenium | 100 mg/kg dry weight | 89.3 pounds/acre |
| Zinc | 7500 mg/kg dry weight | 2500 pounds/acre |
| pH | (Report only) standard units | Not applicable |
| Total Solids | (Report only) % | Not applicable |

[62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3)]

11. Residuals samples shall be taken at the monitoring site locations described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|------------------------------------|------------------------------------|
| RMP-B | Class B Residuals |

12. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. [62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3)]
13. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. [62-640.650(1)(e)]
14. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Residuals shall not be distributed and marketed if the monthly average of sample results for any parameter exceeds the Class AA parameter concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. [62-640.650(1)(f)]
15. The permittee shall submit the results of all residuals monitoring with the permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. [62-640.650(3)(a)&(e)]

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16. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. [62-640.600(3)(b)]
17. Plant nursery use of Class B residuals is limited to plants which will not be sold to the public for 12 months after the last application of residuals. [62-640.600(3)(b)1.]
18. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. [62-640.600(3)(b)2.]
19. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. [62-640.600(3)(b)6.]
20. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. [62-640.600(3)(b)3.]
21. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. [62-640.600(3)(b)4.]
22. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. [62-640.600(3)(b)5.]
23. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. [62-640.600(3)(b)7.]
24. Sod which will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. [62-640.600(3)(b)8.]
25. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. [62-640.600(3)(b)]
26. Residuals that do not meet the requirements of Chapter 62-640, F.A.C., for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. [62-640.400(7)]
27. Current Agricultural Use Plan(s) identify residuals landspreading on the following sites:

| Site Name | Site Type (AG or LR) | App. Area (acres) | Site Location | | | | | | |
|---------------------|-------------------------|----------------------|---------------|----------|----|----|-----------|----|----|
| | | | County | Latitude | | | Longitude | | |
| | | | | DD | MM | SS | DD | MM | SS |
| Palmer Simmons Site | AG | 1262 | Highlands | 27 | 18 | 48 | 81 | 27 | 00 |

The wastewater treatment facility permittee shall apply for a minor permit revision on DEP Form 62-620.910(9) for new, modified, or expanded residuals land application sites. The facility's permit shall be revised to include the new or revised Agricultural Use Plan(s) prior to application of residuals to the new, modified, or expanded sites, unless all of the following conditions are met:

- a) The permittee notifies the Department within 24 hours that the site is being used;
- b) The site meets the site use restrictions of Rule 62-640.600(3), F.A.C., and the criteria for land application of residuals in Rule 62-640.700, F.A.C.;
- c) The permittee submits a new or revised Agricultural Use Plan for the site with a permit application in accordance with Rule 62-640.300(2), F.A.C., within 30 days of beginning use of the site;
- d) The permittee does not have another approved land application site, another approved disposal method (e.g. landfilling or incineration), or approved storage facilities available for use; and,

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- e) The permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the permittee's control.

[62-640.300(2)&(3)]

28. Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. [62-640.750(2)]
29. Residuals shall be applied with appropriate techniques and equipment to assure uniform application over the application zone. [62-640.700(2)(c)]
30. The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. [62-640.700(2)(d)]
31. Residuals storage facilities at land application sites shall be subject to applicable setback requirements for residuals application sites. Residuals stored at land application sites shall be stored in a manner that will not cause runoff or seepage from the residuals, objectionable odors, or vector attraction. Storage areas must be fenced or otherwise provided with appropriate features to discourage the entry of animals and unauthorized persons. At the time of application, the stored residuals must meet the parameter concentrations, pathogen and vector attraction reduction requirements, and cumulative application limits of this permit. Residuals storage facilities at land application sites may be used only for temporary storage of stabilized residuals for no more than 30 days during periods of inclement weather or to accommodate agricultural operations, or up to the period (not to exceed two years) specified in the Agricultural Use Plan. [62-640.700(2)(e)]
32. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. [62-640.700(2)(f)]
33. The pH of the residuals soil mixture shall be 5.0 or greater at the time residuals are applied. At a minimum, soil pH testing shall be done annually. [62-640.700(5)(d)]
34. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years:
- a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone;
 - e. Cumulative loading of each application zone;
 - f. The names of all other wastewater facilities using each of the application zones identified in item c.;
 - g. Method of incorporation (if any);
 - h. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - i. Unsaturated depth of soil above the water table level at the time of application;
 - j. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - k. The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.

[62-640.650(2)]

35. The permittee shall submit an annual summary of residuals application activity to the South District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones. [62-640.650(3)(b)]
36. If residuals that are subject to the cumulative loading limitations of Rule 62-640.700(3), F.A.C., have been applied to an application zone, and the cumulative loading amount of one or more of the pollutants is not known, no further applications of residuals may be made to that application zone. [62-640.700(3)(f)]

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37. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. [62-640.700(6)(a)]
38. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. [62-640.700(7)(a)]
39. Land application of "other solids" as defined in Chapter 62-640, F.A.C., is only allowed if specifically addressed in the Agricultural Use Plan(s) approved for this facility. Land application of "other solids" is subject to Chapter 62-640, F.A.C., and the permit conditions that apply to land applied residuals. [62-640.860]
40. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
41. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The annual average hydraulic loading rate to the Leisure Lakes/Covered Bridge WWTP shall be limited to a maximum of 3.07 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The Leisure Lakes/Covered Bridge WWTP normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's South District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one weekend visit. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

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2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

Section VI is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

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VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)][62-640.700(2)(b)]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.
 [62-604.130(4)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.518(1)] [and 62-600.400(2)(b)]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a)]
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

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Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1)]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2)]
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3)]
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;

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- c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
- d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12)]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

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18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - e. Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C. [62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:

FACILITY: Leisure Lakes/Covered WWT
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT MBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

- a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21)]

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.

FACILITY: Leisure Lakes/Covered WWTW
 PERMITTEE: Aqua Utilities Florida, Inc.
 6960 Professional Parkway East, Suite 400 Sarasota, FL 34240

PERMIT NUMBER: FLA014388
 PA FILE NUMBER: FLA014388-002-DW3P

- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

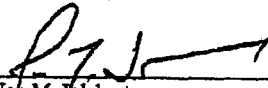
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL
 PROTECTION



 Jon M. Jglehart
 Acting Director of District Management

DATE: July 28, 2004

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District, Post Office Box 2549, Fort Myers, FL, 33902-2549

PERMITTEE NAME: Aqua Utilities Florida, Inc.
 MAILING ADDRESS: 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA014388

LIMIT: Final
 CLASS SIZE: N/A

REPORT: Monthly
 GROUP: Domestic

FACILITY: Leisure Lakes/Covered Bridge WWTP
 LOCATION: 101 Parkview Circle
 Lake Placid, FL 33852

MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: Percolation Ponds, including Influent

COUNTY: Highlands

NO DISCHARGE FROM SITE:

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|-------------------------|---------------------|-------|--------------------------|----------------|---------|---------|-----------------------|-------------|
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | Y Permit Requirement | | | 20.0 (An. Avg.) | | MG/L | | Monthly | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | |
| PARM Code 80082 Mon. Site No. EFA-1 | A Permit Requirement | | | Report (Mo. Avg.) | 60.0 (Max.) | MG/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | Y Permit Requirement | | | 20.0 (An. Avg.) | | MG/L | | Monthly | Grab |
| Solids, Total Suspended | Sample Measurement | | | | | | | | |
| PARM Code 00530 Mon. Site No. EFA-1 | A Permit Requirement | | | Report (Mo. Avg.) | 60.0 (Max.) | MG/L | | Monthly | Grab |
| pH | Sample Measurement | | | | | | | | |
| PARM Code 00400 Mon. Site No. EFA-1 | A Permit Requirement | | | 6.0 (Min.) | 8.5 (Max.) | SU | | 5 Days/Week | Grab |
| Coliform, Fecal | Sample Measurement | | | | | | | | |
| PARM Code 74055 Mon. Site No. EFA-1 | Y Permit Requirement | | | 200 (An. Avg.) | | #/100ML | | Monthly | Grab |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Leisure Lakes/Covered Bridge WWTP

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: FLA014388

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|--|--------------------|---------------------|---------------------|--------------------------|------------|----------|---------|-----------------------|-------------|
| | | | | Report (Mo. Geo. Mean) | 800 (Max.) | | | | |
| Coliform, Fecal | Sample Measurement | | | | | | | | |
| PARM Code 74055 A Mon. Site No. EFA-1 | Permit Requirement | | | | | #100ML | | Monthly | Grab |
| Total Residual Chlorine (For Disinfection) | Sample Measurement | | | | | | | | |
| PARM Code 50060 A Mon. Site No. EFA-1 | Permit Requirement | | | 0.5 (Min.) | | MGL | | 5 Days/Week | Grab |
| Nitrogen, Nitrate, Total (as N) | Sample Measurement | | | | | | | | |
| PARM Code 00620 A Mon. Site No. EFA-1 | Permit Requirement | | | 12.0 (Max.) | | MGL | | Monthly | Grab |
| Flow | Sample Measurement | | | | | | | | |
| PARM Code 50050 Y Mon. Site No. FLW-1 | Permit Requirement | 0.05 (An. Avg.) | MGD | | | | | 5 Days/Week | Meter |
| Flow | Sample Measurement | | | | | | | | |
| PARM Code 50050 I Mon. Site No. FLW-1 | Permit Requirement | Report (Mo. Avg.) | Report (3-Mo. Avg.) | MGD | | | | 5 Days/Week | Meter |
| Solids, Total Suspended | Sample Measurement | | | | | | | | |
| PARM Code 00530 G Mon. Site No. INF-1 | Permit Requirement | | | | | MGL | | Every Two Weeks | Grab |
| BOD, Carbonaceous 5 day, 20C | Sample Measurement | | | | | | | | |
| PARM Code 80082 G Mon. Site No. INF-1 | Permit Requirement | | | | | MGL | | Every Two Weeks | Grab |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | Sample Measurement | | | | | | | | |
| PARM Code 00180 Mon. Site No. | Permit Requirement | | | | | PER-CENT | | Monthly | Calculated |
| | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | | | | | | |
| | Sample Measurement | | | | | | | | |
| | Permit Requirement | | | | | | | | |

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DAILY SAMPLE RESULTS - PART B

Permit Number: FLA014388
 Monitoring Period: _____

From: _____ To: _____

Facility: Leisure Lakes/Covered Bridge WWTP

| | CBOD5 (MG/L) | Fecal Coliform Bacteria (#/100ML) | Nitrogen, Nitrate, Total (as N) (MG/L) | pH (SU) | TSS (MG/L) | TRC (For Disinfect.) (MG/L) | Flow (MGD) | CBOD5 (MG/L) | TSS (MG/L) | | |
|-----------|--------------|-----------------------------------|--|---------|------------|-----------------------------|------------|--------------|------------|--|--|
| Code | 80082 | 74055 | 00620 | 00400 | 00530 | 50060 | 50050 | 80082 | 00530 | | |
| Mon. Site | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | FLW-1 | INF-1 | INF-1 | | |
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| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| Total | | | | | | | | | | | |
| Mo. Avg. | | | | | | | | | | | |

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____
 Evening Shift Operator Class: _____ Certificate No: _____ Name: _____
 Night Shift Operator Class: _____ Certificate No: _____ Name: _____
 Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|--------------------------------------|
| ANC | Analysis not conducted. |
| DRY | Dry Well |
| FLD | Flood disaster. |
| IFS | Insufficient flow for sampling. |
| LS | Lost sample. |
| MNR | Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. <0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurements: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| < | The compound was analyzed for but not detected. |
| A | Value reported is the mean (average) of two or more determinations. |
| J | Estimated value, value not accurate. |
| Q | Sample held beyond the actual holding time. |
| Y | Laboratory analysis was from an unpreserved or improperly preserved sample. |

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurements: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, South District, Post Office Box 2549, Fort Myers, FL, 33902-2549

PERMITTEE NAME: Aqua Utilities Florida, Inc.
 MAILING ADDRESS: 6960 Professional Parkway East, Suite 400
 Sarasota, FL 34240

PERMIT NUMBER: FLA014388

LIMIT: Final
 CLASS SIZE: N/A

REPORT: Monthly
 GROUP: Domestic

FACILITY: Leisure Lakes/Covered Bridge WWTP
 LOCATION: 101 Parkview Circle
 Lake Placid, FL 33852

MONITORING GROUP NUMBER: RMP-B
 MONITORING GROUP DESC: Class B Residuals

COUNTY: Highlands

NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|----------|--------------------------|-------|---------|-----------------------|-------------|
| Nitrogen, Sludge, Tot, Dry Wt (as N) | Sample Measurement | | | | | | | |
| PARM Code 78470 + Mon.Site No. RMP-B | Permit Requirement | Report (Max.) | PER-CENT | | | | Monthly | Grab |
| Phosphorus, Sludge, Tot, Dry Wt (as P) | Sample Measurement | | | | | | | |
| PARM Code 78478 + Mon.Site No. RMP-B | Permit Requirement | Report (Max.) | PER-CENT | | | | Monthly | Grab |
| Potassium, Sludge, Tot, Dry Wt (as K) | Sample Measurement | | | | | | | |
| PARM Code 78472 + Mon.Site No. RMP-B | Permit Requirement | Report (Max.) | PER-CENT | | | | Monthly | Grab |
| Arsenic Total, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 49565 + Mon.Site No. RMP-B | Permit Requirement | | | 75.0 (Max.) | MG/KG | | Monthly | Composite |
| Cadmium, Sludge, Tot Dry Weight (as Cd) | Sample Measurement | | | | | | | |
| PARM Code 78476 + Mon.Site No. RMP-B | Permit Requirement | | | 85.0 (Max.) | MG/KG | | Monthly | Composite |
| Copper, Sludge, Tot, Dry Wt (as Cu) | Sample Measurement | | | | | | | |
| PARM Code 78475 + Mon.Site No. RMP-B | Permit Requirement | | | 4300.0 (Max.) | MG/KG | | Monthly | Composite |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
|---|--|--------------|-----------------|
| | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Leisure Lakes/Covered Bridge WWTP

MONITORING GROUP NUMBER: RMP-B

PERMIT NUMBER: FLA014388

MONITORING PERIOD From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|---|--------------------|---------------------|-------|--------------------------|----------|---------|-----------------------|-------------|
| Lead, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 78468 + Mon.Site No. RMP-B | Permit Requirement | | | 840.0 (Max.) | MG/KG | | Monthly | Composite |
| Mercury, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 78471 + Mon.Site No. RMP-B | Permit Requirement | | | 57.0 (Max.) | MG/KG | | Monthly | Composite |
| Molybdenum, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 78465 + Mon.Site No. RMP-B | Permit Requirement | | | 75.0 (Max.) | MG/KG | | Monthly | Composite |
| Nickel, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 78469 + Mon.Site No. RMP-B | Permit Requirement | | | 420.0 (Max.) | MG/KG | | Monthly | Composite |
| Selenium Sludge Solid | Sample Measurement | | | | | | | |
| PARM Code 61518 + Mon.Site No. RMP-B | Permit Requirement | | | 100.0 (Max.) | MG/KG | | Monthly | Composite |
| Zinc, Dry Weight, Sludge | Sample Measurement | | | | | | | |
| PARM Code 78467 + Mon.Site No. RMP-B | Permit Requirement | | | 7500.0 (Max.) | MG/KG | | Monthly | Composite |
| pH | Sample Measurement | | | | | | | |
| PARM Code 00400 + Mon.Site No. RMP-B | Permit Requirement | | | Report (Max.) | SU | | Monthly | Grab |
| Solids, Total, Sludge, Percent | Sample Measurement | | | | | | | |
| PARM Code 61533 + Mon.Site No. RMP-B | Permit Requirement | | | Report (Max.) | PER-CENT | | Monthly | Grab |
| | Sample Measurement | | | | | | | |
| | Permit Requirement | | | | | | | |
| | Sample Measurement | | | | | | | |
| | Permit Requirement | | | | | | | |

**STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

PERMITTEE:

Florida Water Services Corporation

PERMIT NUMBER:

FLA010610

PA FILE NUMBER:

FLA010610-002-DW3P

ISSUANCE DATE:**EXPIRATION DATE:**

March 27, 2006

RESPONSIBLE AUTHORITY:

Mr. Ying C. Lee, P.E.
Vice President Engineering Services
P.O. Box 609520
Orlando, FL 32860-9520

(407) 598-4213

FACILITY:

Morningview WWTF
1322 English Road
Leesburg, FL
Lake County
Latitude: 28° 46' 39" N Longitude: 81° 53' 07" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.020 MGD annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination and aerobic digestion of residuals.

REUSE:

Land Application: An existing 0.020 mgd AADF permitted capacity rapid-rate infiltration basin system (R-001). R-001 consists of a 22,500 square foot percolation pond with dual discharging pipes and is located approximately at latitude 28° 46' 38" N, longitude 81° 53' 8" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 164 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | | Notes |
|--|---------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| Flow, in conduit or thru treatment plant | mgd | Maximum | 0.020 | - | - | - | 5 Days/Week | Flow meters | EFF-1 | See Cond. I.A.3. | |
| BOD, Carbonaceous 5 day, 20C | mg/l | Maximum | 20 | 30 | 45 | 60 | Monthly | Grab | EFA-1 | | |
| Solids, Total Suspended | mg/l | Maximum | 20 | 30 | 45 | 60 | Monthly | Grab | EFA-1 | | |
| Total Residual Chlorine (For Disinfection) | mg/l | Minimum | - | - | - | 0.5 | 5 Days/Week | Grab | EFA-1 | See Cond. I.A.5. | |
| pH | s.u. | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Grab | EFA-1 | | |
| Coliform, Fecal | #/100ml | Maximum | See Permit Condition I.A.4. | | | | | Monthly | Grab | EFA-1 | |
| Nitrogen, Nitrate, Total (as N) | mg/l | Maximum | - | - | - | 12 | Annually | Grab | EFA-1 | See Cond. I.A.6. | |

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2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|--|
| EFA-1 | chlorine contact chamber effluent |
| EFF-1 | flow meter before chlorine contact chamber |

3. Flow meters shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 12-24-96]*
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.510, 8-8-99 and 62-600.440(4)(c), 12-24-96]*
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 8-8-99 and 62-600.440(4)(b), 12-24-96]*
6. Nitrate nitrogen (NO₃) concentration in the water discharged to the rapid rate land application system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. *[62-610.510, 8-8-99]*

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | | Notes |
|------------------------------|-------|---------|----------------|-----------------|----------------|---------------|-------------------------|-------------|---------------------------------|------------------|-------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | | |
| BOD, Carbonaceous 5 day, 20C | mg/l | Maximum | - | Report | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |
| Solids, Total Suspended | mg/l | Maximum | - | Report | - | - | Annually | Grab | INF-1 | See Cond. I.B.3. | |

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|------------------------------------|------------------------------------|
| INF-1 | raw influent to aeration tank |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4), 12-24-96]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 3-2-00]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5), 12-24-96]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|------------------------|---|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 30 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department at the address specified in Permit Condition I.B. 8 by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18), 3-2-00][62-601.300(1), (2), and (3), 12-24-96]

7. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Central District Office
 3319 Maguire Boulevard Suite 232
 Orlando, Florida 32803-3767

Phone Number - (407) 894-7555
 FAX Number - (407) 897-2966

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305, 10-23-00]

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II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelly's Septic Tanks Residuals Management Facility (RMF), located in Zellwood, Florida or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5), 3-30-98]*
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5), 3-30-98]*
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3 & 4, 3-30-98]*
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d), 3-30-98]*
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Source Facility | Residuals Management Facility or Treatment Facility |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. *[62-640.880(4), 3-30-98]*

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4), 3-30-98]*

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518, 8-8-99]*

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2. The annual average hydraulic loading rate to the a 22,500 square foot percolation pond shall be limited to a maximum of 1.4 inches per day (as applied to the entire bottom area). [62-610.523(3), 8-8-99]
3. The a 22,500 square foot percolation pond normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4), 8-8-99]
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7), 8-8-99]
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414, 8-8-99]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9), 8-8-99]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class D facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class D or higher operator for 3 nonconsecutive visits/week for 1 1/2 hours/week. The lead operator must be a Class D operator, or higher.

[62-620.630(3), 10-23-00] [62-699.310, 5-20-92] [62-610.462, 8-8-99]

2. A certified operator shall be on call during periods the plant is unattended. Daily checks of the plant shall be performed by the permittee or his representative or agent 5 days per week. On those days when the facility is not staffed by a certified operator, the permittee shall ensure that Flow, in conduit or thru treatment plant, Flow, Total Residual Chlorine (For Disinfection), pH are monitored in accordance with Part I of this permit. [62-699.311(1), 5-20-92]
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5), 12-24-96]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1), 12-24-96]
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

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- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350, 10-23-00]

VI. SCHEDULES

1. The permittee shall conduct and implement according to the following schedule:

| Implementation Step | | Completion Date |
|---------------------|--|-----------------|
| 1 | Repair discharge pipes to percolation pond | April 30, 2001 |

[62-620.320(1) and (2), 10-23-00] [62-4.070(3), 10-22-00]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500, 1-8-97]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5), 10-23-00]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a), 8-8-99]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8), 12-24-96 and 62-640.400(6), 3-30-98]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of

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storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3), 12-26-96]

5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550, 12-26-96] [62-620.610(20), 10-23-00]
 6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.
- [62-604.130(4), 12-26-96]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.518(1), 8-8-99] [and 62-600.400(2)(b), 12-24-96]
 8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a), 4-23-97]
 9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2), 10-23-00]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1), 10-23-00]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or

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conditions of this permit constitutes grounds for revocation and enforcement action by the Department Central.
[62-620.610(2), 10-23-00]

3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), 10-23-00]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), 10-23-00]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5), 10-23-00]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6), 10-23-00]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7), 10-23-00]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8), 10-23-00]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department Central personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9), 10-23-00]

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10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department Central may be used by the Department Central as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10), 10-23-00]*

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11. When requested by the Department Central, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department Central upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department Central, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11), 10-23-00]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12), 10-23-00]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13), 10-23-00]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14), 10-23-00]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15), 10-23-00]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16), 10-23-00]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department Central for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17), 10-23-00]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).

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 PERMITTEE: Florida Water Services Corporation
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 Orlando, FL 32860-9520

PERMIT NUMBER: FLA010610
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- b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
- d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E1, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
- e. Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests.

[62-620.610(18), 10-23-00]

- 19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), 10-23-00]*
- 20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 - 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - 4. Any unauthorized discharge to surface or ground waters.
 - b. For releases or spills of treated or untreated wastewater, unless authorized elsewhere in this permit, oral notifications as required above shall be provided using the following procedures:
 - 1. For unauthorized releases or spills in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:

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- a) Name, address, and telephone number of person reporting.
 - b) Name, address, and telephone number of permittee or responsible person for the discharge.
 - c) Date and time of the discharge and status of discharge (ongoing or ceased).
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater).
 - e) Estimated amount of the discharge.
 - f) Location or address of the discharge.
 - g) Source and cause of the discharge.
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date.
 - i) Description of area affected by the discharge, including name of water body affected, if any.
 - j) Other persons or agencies contacted.
2. For unauthorized releases or spills of 1,000 gallons or less, per incident, oral reports shall be provided to the Department within 24 hours from the time the permittee becomes aware of the discharge.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20), 10-23-00]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21), 10-23-00]*

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department Central may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.

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- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22), 10-23-00]

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23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 - 2. The permitted facility was at the time being properly operated;
 - 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 - 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department Central review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23), 10-23-00]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Alvin Castro, P.E.
Program Manager
Domestic Waste

DATE: _____



Jeb Bush
Governor

Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Colleen M. Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Water Services Corporation

RESPONSIBLE AUTHORITY:

Mr. Craig J. Anderson, Vice President -
Environmental Services
Florida Water Services Corporation
Post Office Box 609520
Orlando, Florida 32860-9520

407-598-4199

FACILITY CONTACT:

Mr. Paul Thompson, Lead Operator of the
Palm Port WWTF
Putnam County Office
Florida Water Services Corporation
930 South State Road 19, Suite 3
Palatka, Florida 32177

386-329-1122

FACILITY:

Palm Port WWTF
Dog Branch Road
Off County Road 207A, west of East River Road
East Palatka, Florida 32131

Putnam County

Latitude 29° 40' 58" North and Longitude 81° 37' 30" West

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above-named permittee is hereby authorized to operate the facilities shown on the application and other documents on file with the Department and made a part hereof and specifically described as follows:

| | | | |
|------------|------------------------------------|------------------|-------------------|
| FACILITY: | Palm Port WWTF | PERMIT NUMBER: | FLA011742 |
| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
| COUNTY: | Putnam | ISSUANCE DATE: | November 10, 2003 |
| | | REVISION DATE: | April 9, 2004 |
| | | EXPIRATION DATE: | November 9, 2008 |

TREATMENT FACILITIES:

To operate an existing 0.030 million gallons per day (mgd) annual average daily flow (AADF) permitted capacity extended aeration activated sludge domestic wastewater treatment facility (WWTF) consisting of off-site influent pumping stations introducing wastewater into a single force main with a magnetic recording flow meter and totalizer, eight aeration basins with a combined volume of approximately 40,000 gallons (5,000 gallons each), a secondary clarifier with a volume of approximately 6,200 gallons, a chlorine contact chamber with a volume of approximately 1,875 gallons, and an aerobic digester with a volume of approximately 2,700 gallons. Residuals are transported to Shelley's Septic Tanks Residuals Management Facility (RMF) (FLA016177) in Zellwood, Orange County, Florida, for final treatment and land application.

This facility is a Category III (extended aeration), Class C (0.030 mgd AADF) facility.

REUSE:

Land Application: An existing 0.030 mgd AADF permitted capacity rapid infiltration basin system (R-001) which consists of two percolation / evaporation ponds with a combined surface area of approximately 36,900 square feet which are hydraulically connected and a treated water pumping station to pump to sprinkler heads on the berms to increase evaporation located approximately at latitude 29° 40' 58" North and longitude 81° 37' 30" West.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in pages 1 through 19 of this permit.

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RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|--|------------|---------|-------------------------------|-----------------|----------------|---------------|---------------------------|-------------|---------------------------------|------------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| BOD, Carbonaceous, five-day, 20° C | mg/L | Maximum | 20.0 | Report | - | 60.0 | Monthly | Grab | EFA-1 | |
| Solids, Total Suspended (TSS) | mg/L | Maximum | 20.0 | Report | - | 60.0 | Monthly | Grab | EFA-1 | |
| Coliform, Fecal | # / 100 mL | Maximum | See Permit Condition I. A. 3. | | | | Monthly | Grab | EFA-1 | |
| pH | S.U. | Range | - | - | - | 6.0 to 8.5 | Daily, five days per week | Grab | EFA-1 | |
| Total Residual Chlorine (For Disinfection) | mg/L | Minimum | - | - | - | 0.5 | Daily, five days per week | Grab | EFA-1 | See Condition I. A. 4. |
| Nitrogen, Nitrate, Total (as N) | mg/L | Maximum | - | - | - | 12.0 | Monthly | Grab | EFA-1 | |

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- Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| MONITORING LOCATION SITE NUMBER | DESCRIPTION OF MONITORING LOCATION SITE |
|---------------------------------|---|
| EFA-1 | Effluent After disinfection |

- The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of ten samples of reclaimed water, each collected on a separate day during a period of thirty consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the ninetieth percentile value) during a period of thirty consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the ninetieth percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the ninetieth percentile (multiply the number of samples by 0.9). For example, for thirty samples, report the corresponding fecal coliform number for the twenty-seventh value of ascending order. [62-610.510] [62-600.440(4)(c)]
- A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510] [62-600.440(4)(b)]

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Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | Monitoring Location Site Number | Notes |
|---|---------|---------|----------------|--------------------|----------------|---------------|---------------------------|------------------------------------|---------------------------------|------------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | | |
| Flow | mgd | Maximum | 0.030 | Report | - | - | Daily, five days per week | Recording flow meter and totalizer | INF-1 | |
| Carbonaceous, 5 day, 20° C | mg/L | Maximum | - | Report | - | - | Monthly | Grab | INF-1 | See Condition I. B. 3. |
| Total Suspended Solids (TSS) | mg/L | Maximum | - | Report | - | - | Monthly | Grab | INF-1 | See Condition I. B. 3. |
| Percent Capacity - (ADF / Permitted Capacity) x 100 | percent | Maximum | - | Report (Mo. Total) | - | - | Monthly | Calculated | CAL-1 | |

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1. and as described below:

| MONITORING LOCATION SITE NUMBER | DESCRIPTION OF MONITORING LOCATION SITE |
|---------------------------------|---|
| INF-1 | INfluent before either biological treatment or dilution |
| CAL-1 | CALculated value |

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other facility process recycled waters. [62-601.500(4)]
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with Title 40 Code of Federal Regulations Part 136 (cited as "40 CFR 136"). Parameters which must be monitored as a result of a ground water discharge (that is, underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
6. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
7. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Northeast District Office of the Department DEP Form 62-620.910(10), Discharge Monitoring Report (DMR), in accordance with the frequencies specified by the Report type in the table below (that is, monthly, toxicity, quarterly, semiannual, or annual) indicated on the DMRs attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT TYPE | MONITORING PERIOD | DUE DATE |
|---------------------|--|-----------------------------|
| Monthly or Toxicity | First day of month - last day of month | 28th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 - June 30 | July 28 |
| | July 1 - September 30 | October 28 |
| | October 1 - December 31 | January 28 |
| Semiannual | January 1 - June 30 | July 28 |
| | July 1 - December 31 | January 28 |
| Annual | January 1 - December 31 | January 28 |

| | | | |
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DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMRs and shall submit the completed DMRs to the Northeast District Office of the Department at the address specified in Permit Condition I. B. 7. by the twenty-eighth day of the month following the month of operation.

[62-620.610(18)] [62-601.300(1), (2), and (3)]

8. Unless specified otherwise in this permit, all reports and other information required by this permit, including twenty-four-hour notifications, shall be submitted to or reported to, as appropriate, the Northeast District Office of the Department at the address specified below:

Florida Department of Environmental Protection
 Northeast District Office
 7825 Baymeadows Way, Suite B-2003
 Jacksonville, Florida 32256-7590

Telephone Number – 904-807-3300
 FAX Number – 904-448-4366

and

Florida Department of Environmental Protection
 Northeast District - Gainesville Branch Office
 101 Northwest 75th Street, Suite 3
 Gainesville, Florida 32607-1609

Telephone Number – 352-333-2850
 FAX Number – 352-333-2856

Original copies shall follow all FAX copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Shelley's Septic Tanks Residuals Management Facility (RMF) (FLA016177) in Zellwood, Orange County, Florida, or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. *[62-640.300(5)]*

| | | | |
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4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3. and 4.]*
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| SOURCE FACILITY | RESIDUALS MANAGEMENT FACILITY OR TREATMENT FACILITY |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within twenty-four hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. *[62-640.880(4)]*

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4)]*

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*

| | | | |
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2. The annual average hydraulic loading rate to the two percolation / evaporation ponds shall be limited to a maximum of 1.3 inches per day (9.1 inches per week) as applied to the entire bottom area. *[62-610.523(3)]*
3. A percolation / evaporation pond normally shall be loaded for seven days and shall be rested for seven days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4)]*
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and .414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Northeast District Office of the Department within twenty-four hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. See Permit Condition VII. 10. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of an operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C, or higher, operator for 0.5 hour per day for five days per week and one weekend visit. The lead operator must be a Class C, or higher, operator.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the facility shall be available during all periods of facility operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. The permittee or its representative or agent shall perform daily checks of the facility five days per week. On those days when the facility is not staffed by a certified operator, the permittee shall ensure that Flow, in conduit or thru treatment facility, pH, Total Residual Chlorine (For Disinfection) are monitored in accordance with Part I of this permit. *[62-699.311(1)]*
3. The application to renew this permit shall include an updated Capacity Analysis Report (CAR) prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*

| | | | |
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5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:

- a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
- b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
- c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of the facility record drawings;
- h. Copies of the licenses of the current certified operators; and
- i. Copies of the logs and schedules showing facility operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the facility; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to twenty-four-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

[62-600.735(1)]

VI. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. [62-625.500]

| | | | |
|------------|------------------------------------|------------------|-------------------|
| FACILITY: | Palm Port WWTF | PERMIT NUMBER: | FLA011742 |
| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
| COUNTY: | Putnam | ISSUANCE DATE: | November 10, 2003 |
| | | REVISION DATE: | April 9, 2004 |
| | | EXPIRATION DATE: | November 9, 2008 |

VII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using DEP Forms 62-620.910(1) and (2), Application Forms 1 and 2A, no later than 180 days prior to the expiration date of this permit. *[62-620.410(5)]*
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-610.850(1)(a) and (2)(a)]*
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8)] [62-640.400(6)]*
4. The deliberate introduction of stormwater in any amount into collection / transmission systems designed solely for the introduction and conveyance of domestic / industrial wastewater; or the deliberate introduction of stormwater into collection / transmission systems designed for the introduction or conveyance of combinations of storm and domestic / industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment facility is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
5. Collection / transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
6. The operating authority of a collection / transmission system and the permittee of a treatment facility are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment facility discharges having temperatures above 40°C.

[62-604.130(4)]

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|------------|------------------------------------|------------------|-------------------|
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7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.518(1)] [62-600.400(2)(b)]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt / disposal of screenings and grit. [62-701.300(1)(a)]
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

10. The permittee is to maintain an existing emergency overflow structure from the two evaporation / percolation ponds into a Putnam County Department of Transportation roadway rainwater collection ditch on East River Road. The structure is used to ensure the integrity of the ponds. This emergency overflow structure is allowed provided that:
 - a. The permittee shall monitor the pond level five days per week and reported to the Department on a monthly basis.
 - b. The permittee shall notify the Department if an overflow does occur into the roadway rain collection ditch.
 - c. The permittee shall submit an annual revision of the Capacity Analysis Report (CAR) by August 21st of each year.
 - d. The permittee shall be granted permission by the Putnam County Department of Transportation to use the roadway rainwater collection ditch on East River Road.
 - e. The Department reserves the right to require a permit for discharge top surface water under the National Pollution Discharge Elimination System (NPDES), if the discharge into the roadway rain collection ditch is a frequent occurrence.

| | | | |
|------------|------------------------------------|------------------|-------------------|
| FACILITY: | Palm Port WWTF | PERMIT NUMBER: | FLA011742 |
| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
| COUNTY: | Putnam | ISSUANCE DATE: | November 10, 2003 |
| | | REVISION DATE: | April 9, 2004 |
| | | EXPIRATION DATE: | November 9, 2008 |

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1)]
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2)]
3. As provided in Section 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3)]
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]

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|------------|------------------------------------|------------------|-------------------|
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| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
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8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the premises of the permittee where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

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|------------|------------------------------------|------------------|-------------------|
| FACILITY: | Palm Port WWTF | PERMIT NUMBER: | FLA011742 |
| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
| COUNTY: | Putnam | ISSUANCE DATE: | November 10, 2003 |
| | | REVISION DATE: | April 9, 2004 |
| | | EXPIRATION DATE: | November 9, 2008 |

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Florida Statutes and Department rules after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least ninety days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

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|------------|------------------------------------|------------------|-------------------|
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18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on DEP Form 62-620.910(10), Discharge Monitoring Report (DMR).
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Florida Department of Health (FDOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
 - Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than fourteen days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within twenty-four hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

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|------------|------------------------------------|------------------|-------------------|
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| PERMITTEE: | Florida Water Services Corporation | PROJECT NUMBER: | FLA011742-005-DWF |
| | | ISSUANCE DATE: | November 10, 2003 |
| COUNTY: | Putnam | REVISION DATE: | April 9, 2004 |
| | | EXPIRATION DATE: | November 9, 2008 |

- a. The following shall be included as information which must be reported within twenty-four hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a. 4. above that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER 800-320-0519, as soon as practical, but no later than twenty-four hours from the time the permittee becomes aware of the discharge. To the extent known, the permittee shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of the permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b. 1. above shall be provided to the Department within twenty-four hours from the time the permittee becomes aware of the circumstances

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- c. If the oral report has been received within twenty-four hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20. *[62-620.610(21)]*

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least ten days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within twenty-four hours of learning about the bypass as required in Permit Condition IX. 20. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c.

[62-620.610(22)]

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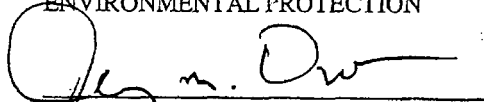
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20.; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Jerry M. Owen, P.E.
Program Administrator

DATE: April 19, 2004

FILED AND ACKNOWLEDGEMENT

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

Submit this report to: Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590

Florida Water Services Corporation
 Post Office Box 609520
 Orlando, Florida 32860-9520

 Palm Port WWTF
 Dog Branch Road
 East Palatka, Florida 32131

PERMIT NUMBER: FLA011742
 LIMIT: Final
 CLASS SIZE: Minor
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESC: Rapid Infiltration
 NO DISCHARGE FROM SITE:

REPORT: Monthly
 GROUP: Domestic

Putnam

MONITORING PERIOD: From: _____ To: _____

| Parameter | | Quantity or Loading | Units | Quality or Concentration | Units | No. Ex. | Frequency of Analysis | Sample Type |
|------------------------------------|--------------------|---------------------|-------|--------------------------|-------|---------|-----------------------|-------------|
| BOD ₅ , five-day, 20° C | Sample Measurement | | | | | | | |
| BOD ₅ , five-day, 20° C | Permit Requirement | | | | | | | |
| BOD ₅ , five-day, 20° C | Sample Measurement | | | | | | | |
| BOD ₅ , five-day, 20° C | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |
| Suspended (TSS) | Sample Measurement | | | | | | | |
| Suspended (TSS) | Permit Requirement | | | | | | | |

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| | | | |
|---|--|--------------|-----------------|
| NAME OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE NO | DATE (YY/MM/DD) |
| | | | |

EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

CERTIFICATION NUMBER(S): _____

DISCHARGE MONITORING REPORT - PART A (Continued)

NAME: Palm Port WWTF

PERMIT NUMBER: FLA011742

MONITORING GROUP NUMBER: R-001

MONITORING PERIOD:

From: _____

To: _____

| Parameter | | Quantity or Loading | | Units | Quality or Concentration | | Units | No. Ex. | Frequency of Analysis | Sample Type |
|----------------------|--------------------|---------------------|-------|-------|--------------------------|--|-------|---------|-----------------------|------------------------------------|
| Chlorine (For | Sample Measurement | | | | | | | | | |
| 0060 | Permit Requirement | | | | | | | | | |
| Total (as N) | Sample Measurement | | | | | | | | | |
| 020 | Permit Requirement | | | | | | | | | |
| | Sample Measurement | | | | | | | | | |
| 050 | Permit Requirement | 0.040 | | | | | | | Daily/ five-day | Recording flow meter and totalizer |
| | Sample Measurement | | | | | | | | | |
| 050 | Permit Requirement | 0.040 | 0.040 | mg/l | | | | | Daily/ five-day | Recording flow meter and totalizer |
| | Sample Measurement | | | | | | | | | |
| ous, five-day, 20° C | Sample Measurement | | | | | | | | | |
| 082 | Permit Requirement | | | | | | | | Monthly | |
| pendent (TSS) | Sample Measurement | | | | | | | | | |
| 00 | Permit Requirement | | | | | | | | Monthly | |
| 2 - (TMADF / | Sample Measurement | | | | | | | | | |
| ity) x 100 | Sample Measurement | | | | | | | | | |
| 080 | Permit Requirement | | | | | | | | Monthly | Calculated |

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DAILY SAMPLE RESULTS - PART B

Permit Number: FLA011742

Facility: Palm Port WWTF

Monitoring Period From: _____ To: _____

County: Putnam

| | CBOD ₅ (mg/L) | TSS (mg/L) | Fecal Coliform Bacteria (# / 100 mL) | pH (S.U.) | TRC (For Disinfect.) (mg/L) | Nitrogen, Nitrate, Total (as N) (mg/L) | Flow (mgd) | CBOD ₅ (mg/L) | TSS (mg/L) |
|-----------|-----------------------------|---------------|--|--------------|-----------------------------------|---|---------------|-----------------------------|---------------|
| Code | 80082 | 00530 | 74055 | 00400 | 50060 | 00620 | 50050 | 80082 | 00530 |
| Mon. Site | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | EFA-1 | INF-1 | INF-1 | INF-1 |
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
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PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE W. WATER DISCHARGE MONITORING REPORT

consists of four parts--A, B, C, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part C is only applicable for domestic wastewater facilities with limited wet weather discharges permitted under Chapter 62-610.860, F.A.C. Part D is used for reporting ground water monitoring data.

Whether or not electronic copies of the required parts of the DMR were provided with the permit. All required information shall be typed or printed in ink.

When filling in numerical results on various parts of the DMR, the following codes should be used and an explanation provided where appropriate. Note: Codes used by the lab for raw data may be different.

| DESCRIPTION/INSTRUCTIONS |
|--------------------------------------|
| Analysis not conducted. |
| Dry Well |
| Flood disaster. |
| Insufficient flow for sampling. |
| Lost sample. |
| Monitoring not required this period. |

| CODE | DESCRIPTION/INSTRUCTIONS |
|------|---|
| NOD | No discharge from/to site. |
| OPS | Operations were shutdown so no sample could be taken. |
| OTH | Other. Please enter an explanation of why monitoring data were not available. |
| SEF | Sampling equipment failure. |

When analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

Results greater than or equal to the PQL shall be reported as the measured quantity.

Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and to determine compliance with permit limits.

Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. < 0.001 . A value of one half the MDL or half the effluent limit, whichever is lower, shall be used for reporting when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

WATER DISCHARGE MONITORING REPORT (DMR)

The DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.) Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The information in the header should be completed by the permittee or authorized representative:

From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number. If there was no discharge of any particular outfall, reuse, or land application system and the DMR monitoring group includes other monitoring locations (e.g., influent sampling); the "NOD" code should be used to individually denote those locations in which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring location in the header. Enter the data or calculated results for each parameter on this row. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample, etc.).

Exceedances: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter. If none, enter zero.

Minimum Measurements: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the corresponding shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

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SAMPLE RESULTS

- Enter the month and year during which the data on this report were collected and analyzed.
- Average Daily Flow:** Calculate and enter the three-month average daily flow to the treatment facility.
- Permitted Capacity x 100:** Divide the three-month average daily flow by the permitted capacity of the treatment facility, multiply by 100, and enter this value.
- Monitoring Results:** Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated.
- Personnel:** List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.
- Effluent Disposal or Reclaimed Water Reuse:** Enter the type of effluent disposal or reclaimed water reuse (e.g. surface water discharge, ocean outfall, slow rate land application-public access, slow rate land application-restricted public access, rapid rate land application, absorption field, underground injection).
- Weather Discharge Activated:** If this plant does not have a limited wet weather discharge permitted under the provision of Rule 62-610.860, F.A.C., check 'Not Applicable.' If the plant activated the wet weather discharge during the reporting month, check 'Yes' and attach PART C - LIMITED WET WEATHER DISCHARGE.

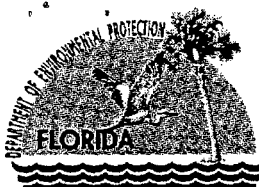
LIMITED WET WEATHER DISCHARGE

For each month completed and submitted each month reclaimed water or effluent is discharged by a limited wet weather discharge permitted under Rule 62-610.860, F.A.C. For months with no discharge, Part C need not be submitted. Information is to be provided for each day on which the limited wet weather discharge was activated.

- Enter the month and year during which the data on this report were collected and analyzed.
- Location:** Enter the name and location of the rainfall gauging station, the source of climatological (normal rainfall) data, the cumulative rainfall for the average rainfall year, and the cumulative rainfall to date for this year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which falls during an average rainfall year from January through the month for which this part contains data. The cumulative rainfall for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
- Date:** Enter the date on which the discharge occurred.
- Duration:** Enter the number of hours, to the nearest 0.1 of an hour (0.1 hr. = 6 min.) during each day of discharge that reclaimed water was actually discharged to surface waters.
- Volume Discharged:** Enter the quantity in millions of gallons of reclaimed water discharged during the period shown in duration of discharge. Show the units as millions of gallons (mg), accurate to the nearest 0.01.
- Discharge Flow Rate:** Divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
- Stream Flow Rate:** Enter the average flow rate in the receiving stream upstream from the point of discharge for the period shown in duration of discharge. The average flow rate can be calculated based on two measurements made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
- Dilution Factor:** Enter the actual stream dilution ratio accurate to the nearest 0.1. To calculate the factor, divide the average upstream flow rate by the average discharge flow rate.
- CBOD:** Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.
- TKN:** Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
- Days:** Enter the cumulative number of days since January 1 of the current year during which the limited wet weather discharge was activated divided by the total number of days since January 1 of the current year multiplied by 100.
- Explanation:** Provide a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

GROUND WATER MONITORING REPORT

- Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
- Obtained:** Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
- Methods:** Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
- Filtered:** Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
- Preservatives:** Added: State what preservatives were added to the sample.
- Method:** Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
- Results/Units:** Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Enter the units associated with the results of the analysis.
- Detection Limits/Units:** Record the detection limits of the analytical methods used and the units associated with them.
- Comments and Explanations:** Use this space to make any comments on or explanations of results which are unexpected. If more space is needed, reference all attachments in this area.



Jeb Bush
Governor

Department of Environmental Protection

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

David B. Struhs
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Water Services Corporation

PERMIT NUMBER: FLA012773
PA FILE NUMBER: FLA012773-002-DW2P
ISSUANCE DATE: March 18, 2004
EXPIRATION DATE: March 17, 2009

RESPONSIBLE AUTHORITY:

Mr. Craig J. Anderson
Vice President, Environmental Services
PO Box 609520
Orlando, FL 32860-9520

(407) 598-4199

FACILITY:

Palm Terrace Gardens WWTF
116 Arbordale Drive
Port Richey, FL 34668
(352) 302-9713
Pasco County
Latitude: 28° 19' 01" N Longitude: 82° 41' 19" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The above-named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 0.130 mgd twelve month average daily flow (12MADF) Type II extended aeration domestic wastewater treatment plant consisting of: a pumping station, flow-splitter box, and two parallel process trains each with a design capacity of 0.10 mgd. Each train consists of: two (2) aeration basins of 100,000 gallons total volume, one (1) clarifier of 182 ft² surface area and 16,300 gallons, one (1) chlorine contact chamber of 2,080 gallons, and one (1) aerobic digester of 7,500 gallons. This plant is operated to provide secondary treatment with basic disinfection.

REUSE:

Land Application: An existing 0.130 mgd twelve month average daily flow (12MADF) permitted capacity land application system consisting of a rapid infiltration basin system (R-001) which has two (2) percolation/evaporation ponds of 28,750 ft² (North Pond) and 11,250 ft² (South Pond), which pump to a 1.28 acre (55,757 ft²) slow rate restricted public access sprayfield (R-002). R-001 and R-002 are located approximately at latitude 28° 24' 30" N, longitude 82° 20' 00" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages I through 18 of this permit.

"More Protection, Less Process"

Printed on recycled paper.

FACILITY: Palm Terrace Gardens WWTF
 PERMITTEE: Florida Water Services Corporation

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 COUNTY: Pasco

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse Systems R-001 and R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Reclaimed Water Limitations | | | | Monitoring Requirements | | | |
|---|----------|---------|-----------------------------|-----------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | Notes |
| Flow, R-001 - total plant to p/e ponds | MGD | Maximum | 0.130 ¹ | - | - | - | Continuous | Recording flow meters and totalizers | FLW-01 | See Cond.I.A.3&4 |
| Flow, R-002 - flow from ponds to sprayfield | MGD | Maximum | Report | Report | - | - | Continuous | Recording flow meters and totalizers | FLW-02 | See Cond.I.A.3&4 |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Every two weeks | 8-hour flow proportioned composite | EFA-01 | |
| Solids, Total Suspended | MG/L | Maximum | 20.0 | 30.0 | 45.0 | 60.0 | Every two weeks | 8-hour flow proportioned composite | EFA-01 | |
| pH | SU | Range | - | - | - | 6.0 to 8.5 | 5 Days/Week | Meter/grab | EFA-01 | |
| Coliform, Fecal | #/100M L | Maximum | See Permit Condition I.A.5. | | | | Every two weeks | Grab | EFA-01 | |
| Total Residual Chlorine (For Disinfection) | MG/L | Minimum | - | - | - | 0.5 | 5 Days/Week | Meter/Grab | EFA-01 | See Cond.I.A.6 |
| Nitrogen, Nitrate, Total (as N) | MG/L | Maximum | - | - | - | 12.0 | Every two weeks | 8-hour flow proportioned composite | EFA-01 | |

¹Rolling Twelve Month Average is the average of the current month's average and the preceding eleven (11) month's averages.

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 COUNTY: Pasco

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. A. 1. and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|------------------------------------|---|
| EFA-01 | After disinfection and prior to discharge to the percolation/evaporation ponds. |
| FLW-01 | Flow measurement at the effluent of the chlorine contact chamber. |
| FLW-02 | Flow measured at the pumps from the percolation ponds to the sprayfield. |

3. The twelve-month average daily flow to reuse system R-001 shall not exceed 0.130 mgd, calculated as rolling averages.
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
5. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.510 and 62-600.440(4)(c)]*
6. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510 and 62-600.440(4)(b)]*

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B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below:

| Parameter | Units | Max/Min | Limitations | | | | Monitoring Requirements | | | Notes |
|--|-------|---------|--------------------|-----------------|----------------|---------------|-------------------------|--------------------------------------|---------------------------------|-------------------|
| | | | Annual Average | Monthly Average | Weekly Average | Single Sample | Monitoring Frequency | Sample Type | Monitoring Location Site Number | |
| Flow | MGD | Maximum | 0.130 ¹ | - | - | - | 5 Days/Week | Recording flow meters and totalizers | FLW-01 | See Cond.I.B.3, 5 |
| Percent Capacity, (TMADF/Permitted Capacity) x 100 | % | Maximum | - | Report | - | - | Monthly | Calculated | FLW-01 | |
| BOD, Carbonaceous 5 day, 20C | MG/L | Maximum | - | Report | - | - | Monthly | 8-hour flow proportioned composite | INF-01 | See Cond.I.B.4 |
| Solids, Total Suspended | MG/L | Maximum | - | Report | - | - | Monthly | 8-hour flow proportioned composite | INF-01 | See Cond.I.B.4 |

¹Rolling Twelve Month Average is the average of the current month's average and the preceding eleven (11) month's averages.

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 1 and as described below:

| Monitoring Location Site Number | Description of Monitoring Location |
|---------------------------------|---|
| FLW-01 | Flow measurement at the effluent of the chlorine contact chamber. |
| INF-01 | At headworks, prior to treatment and ahead of return activated sludge line. |

3. The twelve-month average daily flow to the treatment plant shall not exceed 0.130 mgd.
4. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
5. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
6. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
7. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
8. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

| REPORT Type | Monitoring Period | Due Date |
|---------------------|--|---|
| Monthly or Toxicity | first day of month – last day of month | 28 th day of following month |
| Quarterly | January 1 - March 31 | April 28 |
| | April 1 – June 30 | July 28 |
| | July 1 – September 30 | October 28 |
| | October 1 – December 31 | January 28 |
| Semiannual | January 1 – June 30 | July 28 |
| | July 1 – December 31 | January 28 |
| Annual | January 1 – December 31 | January 28 |

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department at the address specified in Permit Condition I.B. 11 and be postmarked by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)] [62-601.300(1), (2), and (3)]

9. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for

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turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department by January 1 of each year. [62-601.300(4)][62-601.500(3)]

10. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. [62-610.870(3)]
11. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below: [62-620.610(18)][62-601.300(1), (2), and (3)]

Florida Department of Environmental Protection
 Wastewater Facilities Regulation Section, Mail Station 3551
 Twin Towers Office Building
 2600 Blair Stone Road
 Tallahassee, Florida 32399-2400

12. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southwest District Office at the address specified below:

Southwest District Office
 3804 Coconut Palm Drive
 Tampa, Florida 33619-1352

Phone Number - (813)744-6100
 FAX Number - (813)744-8198

Email - employeefirstname.lastname@dep.state.fl.us

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

Basic Management Requirements

1. The method of residuals use or disposal by this Facility is transport to Shady Hills Residuals Management Facility-FLA012726 or disposal in a Class I or II solid waste landfill. Transportation of the residuals to an alternative RMF does not require a permit modification, however, use of an alternative RMF requires a copy of the agreement pursuant to Chapter 62-640.880(1)(c) along with a written notification to the Department at least 30 days before transport of the residuals.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]

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3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. Disposal of screenings and grit from preliminary treatment components of wastewater treatment facilities, solids from sewer line cleaning operations, and solids from lift stations and pump stations shall be in accordance with Chapter 62-701, F.A.C. and may not be processed at a permitted residuals management facility. [62-640.100(6)(k)8., 3-30-98 and 62-701.300(1)(a)]
7. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

| Required of Source Facility | Required of RMF |
|--|--|
| 1. Date and Time Shipped | 1. Date and Time Received |
| 2. Amount of Residuals Shipped | 2. Amount of Residuals Received |
| 3. Degree of Treatment (if applicable) | 3. Name and ID Number of Source Facility |
| 4. Name and ID Number of Residuals Management Facility or Treatment Facility | 4. Signature of Hauler |
| 5. Signature of Responsible Party at Source Facility | 5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility |
| 6. Signature of Hauler and Name of Hauling Firm | |

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

8. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department if the storage lasts longer than 30 days. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Operational Requirements

1. For the Part II land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23)][62-522.400 and 62-522.410]

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2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
3. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. [62-522.600][62-610.510,]
4. The following monitoring wells shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.5. for Reuse Systems R-001 and R-002. Quarterly sampling must be reasonably spaced to be representative of potentially changing conditions.

| Monitoring Well ID | Alternate Well Name and/or Description of Monitoring Location | Depth (Feet) | Aquifer Monitored | New or Existing |
|--------------------|---|--------------|-------------------|-----------------|
| MWC-01 | EN2WS | 15 | Surficial | existing |
| MWC-02 | EN3WS | 20 | Surficial | existing |
| MWC-03 | EN5WA | 20 | Floridan | existing |
| MWC-04 | EN6WA | 20 | Floridan | existing |
| MWB-01 | EN1WS | 13 | Surficial | existing |
| MWB-02 | EN4WS | 20 | Surficial | existing |

MWB = Background; MWI = Intermediate; MWC = Compliance

[62-522.600][62-610.513]

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III. 4:

| Parameter | Compliance Well Limit | Units | Sample Type | Monitoring Frequency |
|---------------------------------|-----------------------|---------|-------------|----------------------|
| Water Level Relative to NGVD | Report | FEET | In-situ | Quarterly |
| Nitrogen, Nitrate, Total (as N) | 10 | MG/L | Grab | Quarterly |
| Solids, Total Dissolved (TDS) | 500 | MG/L | Grab | Quarterly |
| Chloride (as Cl) | 250 | MG/L | Grab | Quarterly |
| Sodium | 160 | MG/L | Grab | Quarterly |
| Cadmium | 5 | UG/L | Grab | Quarterly |
| Lead | 15 | UG/L | Grab | Quarterly |
| Chromium | 100 | UG/L | Grab | Quarterly |
| Coliform, Fecal | 4 | #/100ML | Grab | Quarterly |
| pH | 6.5 to 8.5 | SU | In-situ | Quarterly |
| Sulfate, Total | 250 | MG/L | Grab | Quarterly |
| Turbidity | 1 | NTU | Grab | Quarterly |
| Specific Conductance | Report | UMHO/CM | Grab | Quarterly |
| Temperature (C), Water | Report | DEG.C | Grab | Quarterly |

[62-522.600(1)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601][62-601.300(6)] [62-601.300(7)][62-520.300(9)]

6. If the concentration for any constituent listed in Permit Condition III. 5. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. [62-520.420(2)]

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7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.513(2),]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Southwest District Office as being more representative of ground water conditions. [62-520.300(9)]
10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). For reuse or land application projects, results shall be submitted with the DMR for each month listed in the following schedule. The submitted results shall be for each year during the period of operation allowed by this permit in accordance with Permit Condition I.B.8. [62-522.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]

| SAMPLE PERIOD | REPORT DUE DATE |
|--------------------|-----------------|
| January – March | April 28 |
| April – June | July 28 |
| July – September | October 28 |
| October – December | January 28 |

12. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Southwest District Office immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Southwest District Office. [62-522.600][62-4.070(3)]
13. The Permittee shall provide verbal notice to the Department's Southwest District Office as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Southwest District Office in a written report within 7 days of the sinkhole discovery. [62-4.070(3)]
14. All piezometers and wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless there is intent for their future use. [62-532.500(4)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part IV Rapid Infiltration Basins (R-001)

1. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. [62-520.200(23)] [62-522.400 and 62-522.410]
2. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]

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3. The annual average hydraulic loading rate to the rapid infiltration basins shall be limited to a maximum of 4.8 inches per day (as applied to the entire bottom area). [62-610.523(3)]
4. Rapid infiltration basins normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
5. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
6. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
7. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Southwest District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. [62-610.800(9)]

Part II Slow-Rate/Restricted Access System (R002)

8. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1)]
9. The annual average hydraulic loading rate to the sprayfield shall be limited to a maximum of 2.0 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4)]
10. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b)]
11. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425]
12. Irrigation of edible food crops is prohibited. [62-610.426]

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator ½ hour/day for 5 days/week and a weekend visit. The lead/chief operator must be Class C, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]

2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. [62-699.311(1)]

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3. A certified operator shall be on-site and in charge of each required shift and for periods of required staffing time when the lead operator is not on-site. A certified operator shall be on call during periods the plant is unattended. *[62-699.311(5), 07-05-01]*
4. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
5. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*
6. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

The permittee shall abide by the following schedule:

| | Action Required: | Schedule: |
|---|---|----------------------------|
| 1 | Establish a percolation/evaporation pond resting and rotating schedule. | No later than June 1, 2004 |

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VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

This facility is not required to have a pretreatment program at this time. *[62-625.500]*

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. *[62-620.410(5)]*
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-610.850(1)(a) and (2)(a)][62-640.700(2)(b)]*
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in treatment plant discharges having temperatures above 40°C.*[62-604.130(4)]*
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1)] [and 62-600.400(2)(b)]*
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*

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9. The permittee shall provide adequate notice to the Department of the following:
- a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

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8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

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16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, 62-620.420 or 62-620.450, F.A.C., as applicable, at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
- A description of the anticipated noncompliance;
 - The period of the anticipated noncompliance, including dates and times; and
 - Steps being taken to prevent future occurrence of the noncompliance.
- [62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
- Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(4), F.A.C. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-620, F.A.C.
 - Under Chapter 62-160, F.A.C., field procedures for sample collection and laboratory methods shall be performed by following the protocols described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, 62-160.330, and 62-160.600, F.A.C.
- [62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been

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corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- a. The following shall be included as information which must be reported within 24 hours under this condition:
 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 4. Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the **STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519**, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.
 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

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21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.

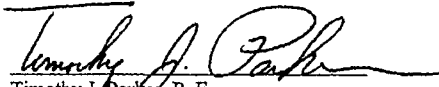
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- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Timothy J. Parker, P. E.
Water Facilities Administrator
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-1352