



Florida Department of Environmental Protection

Southeast District
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

March 2, 2007
In the Matter of an
Application for Permit by:

Fort Pierce Utilities Authority
William G. Thiess, P.E.
Director of Utilities
1701 South 37th Street
Fort Pierce, Florida 34947
E-mail: bthiess@fpua.com

Permit No.: FL0027278 (Major)
DEP PA File No.: FL0027278-004-DW1P-NR
County: St. Lucie
Facility: FPUA Water Reclamation Facility

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0027278 to operate the Fort Pierce Utilities Authority Water Reclamation Facility, a domestic wastewater treatment facility, issued under Chapters 62-4, 62-600, 62-601, 62-610, 62-620, and 62-699, Florida Administrative Code, and Section 403, Florida Statutes.

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.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen (14) 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 Department's proposed permitting decision 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.

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 (14) 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 (14) days of publication of the notice or within fourteen (14) 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 (14) 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 within fourteen (14) days of receipt of notice shall constitute a

waiver of that person's right 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 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 permit identification number 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 each petitioner's substantial interests 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.

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.

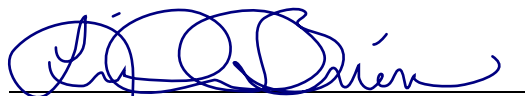
Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

This permit action is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action 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, Mail Station 35, 3900 Commonwealth Boulevard, 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 30 days from the date when this permit action is filed with the clerk of the Department.

Executed in West Palm Beach, Florida.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**



Linda A. Brien, P.G.
Water Facilities Administrator
Southeast District

LAB/TP/st

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated deputy clerk, receipt of which is hereby acknowledged.

K. Thiess B. Thiess _____
Clerk Date March 2, 2007

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on March 2, 2007 to the listed persons.

K. Thiess B. Thiess _____
Name Date 3-2-07

Electronic copies furnished to:

Sharon Sawicki, P.E., DEP/TLH, sharon.sawicki@dep.state.fl.us
Francine Ffolkes, DEP OGC/TLH, francine.ffolkes@dep.state.fl.us
Robert Heilman, P.E., DEP/TLH, Robert.Heilman@DEP.state.fl.us
James Moses, R.S., St. Lucie County Department of Health, james_moses@doh.state.fl.us
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NPDES Contacts:

Todd Brown, DEP/WPB, todd.brown@dep.state.fl.us
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Southeast District
400 N. Congress Avenue, Suite 200
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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Fort Pierce Utilities Authority

PERMIT NUMBER: FL0027278 (Major)

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

RESPONSIBLE AUTHORITY:

William G. Thiess, P.E.
Director of Utilities
Fort Pierce Utilities Authority
1701 South 37th Street
Fort Pierce, Florida 34937
Telephone: (772) 466-1600
E-mail: bthiess@fpua.com

ISSUANCE DATE: March 2, 2007

EXPIRATION DATE: March 1, 2012

FACILITY:

FPUA Water Reclamation Facility
403 Seaway Drive
Fort Pierce, Florida 34949
St. Lucie County
Latitude: 27° 27' 31.29" N Longitude: 80° 18' 55.74" 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.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System (NPDES). 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:

Fort Pierce Utilities Authority Water Reclamation Facility is an existing wastewater treatment facility with a permitted treatment capacity of 10.0 million gallons per day (MGD, annual average daily flow (AADF) and 11.5 MGD, three-month average daily flow (TMADF). Ground water disposal is by an underground injection well system with a permitted capacity of 14.92 MGD, peak-hour flow (PHF). This facility also discharges treated effluent intermittently to the Indian River Lagoon by a surface water discharge system with a permitted capacity of 18.6 MGD PHF. Discharge events are currently limited to approximately once every five (5) years for up to six (6) days during pre-approved mechanical integrity testing (MIT) of the underground injection well. The treatment plant consists of a conventional activated sludge, secondary domestic wastewater treatment plant with influent screening, grit removal, aeration, secondary clarification, basic disinfection, and dechlorination.

REUSE:

Surface Water Discharge: An existing 18.6 MGD PHF permitted discharge to the Indian River Lagoon, a Class III marine surface water system at Discharge Location D-001 which is approximately 400 feet in length and discharges at a depth of approximately 15 feet. The point of discharge is located approximately at latitude 27° 27' 31.29" N, and longitude 80° 18' 55.74" W. Discharge events are currently limited to approximately once every five (5) years for up to six (6) days during pre-approved mechanical integrity testing (MIT) of the underground injection well.

FACILITY: FPUA Water Reclamation Facility
PERMITTEE: Fort Pierce Utilities Authority

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

Underground Injection: An existing 14.92 MGD PHF permitted capacity underground injection well system U-001 consisting of one Class I underground injection well permitted under Department permit number UO-56-269875 and discharging to Class G-IV ground water. Underground injection well system U-001 is located approximately at latitude 27° 27' 20" N, longitude 80° 18' 58" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in pages 1 through 16 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from **Outfall D-001** to the Indian River Lagoon only during pre-approved dates for mechanical integrity testing (MIT) of the underground injection well. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8.

Parameter	Units	Max/Min	Effluent Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, Effluent	MGD	Maximum	-	-	-	18.6 (PHF)	Continuous during discharge	Recording flow meters and totalizers	EFB-1 & EFF-1	See Conditions I.A.3., 4., 5., and 6.
BOD, Carbonaceous, 5-day, 20°C	mg/L	Maximum	20.0	25.0	40.0	60.0	Daily during discharge	24-hour flow proportioned composite	EFA-1	See Condition I.A.10.
Solids, Total Suspended	mg/L	Maximum	20.0	30.0	45.0	60.0	Daily during discharge	24-hour flow proportioned composite	EFA-1	-
Coliform, Fecal	#/100 mL	Maximum	See Permit Condition I.A.8.				Daily during discharge	Grab	EFA-1	-
pH	SU	Range	-	-	-	6.5 to 8.5	Continuous during discharge	pH meter with 24-hour recording chart	EFA-1	See Condition I.A.7.
Total Residual Chlorine, (for Disinfection)	mg/L	Minimum	-	-	-	0.5	Continuous during discharge	TRC meter with 24-hour recording chart	EFA-1	See Conditions I.A.7. & 9.
Total Residual Chlorine, (for Dechlorination)	mg/L	Maximum	-	-	-	0.01	Daily during discharge	Grab	EFD-1	-
Oxygen, Dissolved	mg/L	Minimum	-	-	-	5.0	Daily during discharge	Grab	EFD-1	-
Whole Effluent Toxicity	See Permit Condition I.A.11.								EFD-1	-

2. Effluent 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	At the end of the chlorine contact chamber.
EFB-1	At the Parshall flume located between the clarifiers and the chlorine contact chamber.
EFD-1	At the point after the dechlorination facilities.
EFF-1	Magnetic flow meter located on the injection well header pipe.

3. The peak hourly flow (PHF) to Outfall D-001 shall not exceed 18.6 MGD.
4. The permittee is authorized to discharge treated effluent from Outfall D-001 to the Indian River Lagoon during Mechanical Integrity Testing (MIT) of this facility's deep injection well, as required by the Department's Underground Injection Control (UIC) Program. One-hundred and eighty (180) days prior to the MIT testing date, the permittee shall submit to the Department for approval a Discharge Impact Minimization Plan (DIMP). The MIT shall occur during high flow periods in the Indian River (typically during wet weather), however, discharge during lower flow periods (typically during dry weather) may have a lower impact on the receiving water. Historical bioassay results have indicated higher toxicity patterns during the wet weather season (June to September). It has been hypothesized that these patterns may be a result of stormwater inflow or infiltration effects. Therefore, scheduling of MITs may occur during the drier months (October to May) in order to minimize toxicity effects on the receiving water. It is recommended that Fort Pierce Utilities Authority confer with the Department prior to future MIT events. Any other discharge to the Indian River shall be considered unauthorized and shall be subject to General Condition IX.20.
5. The quantity of effluent discharged to the Indian River Lagoon shall be calculated by subtracting the amount of flow at the injection well header pipe from the amount of flow recorded at the Parshall flume.
6. Recording flow meters and totalizers shall be utilized to measure flow, and shall be calibrated at least annually. [62-601.200(17) and .500(6), F.A.C.]
7. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2, F.A.C.]
8. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 colonies per 100 mL of effluent sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of effluent, where each sample is collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 colonies 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 colonies per 100 mL of sample. Any one sample shall not exceed 800 colonies 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 value for the 27th value of ascending order. [62-600.440(4)(c), F.A.C.]
9. 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. [62-600.440(4)(b), F.A.C.]
10. The monthly average effluent carbonaceous biochemical oxygen demand (5-day) and total suspended solids concentrations shall not exceed 15% of the respective influent values (85% removal). [62-620.620(1)(o) and (3), F.A.C.]
11. The permittee shall comply with the following requirements to evaluate acute whole effluent toxicity of the discharge from Outfall D-001.
- a. Effluent Limitation.
- (1) Whole effluent acute toxicity shall not exceed in any "routine" or in any "additional follow-up" test an LC50 of less than 100% effluent. [62-302.200(1), 62-302.500(1)(a)4., and 62-4.244(3)(a), F.A.C.]

b. Monitoring Frequency.

- (1) "Routine" toxicity tests shall be conducted once every five (5) years during routine mechanical integrity testing (MIT) of the underground injection well facility. All MIT testing events of the underground injection well facility shall be accompanied by "routine" toxicity tests.

c. Test Requirements.

- (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five (5) dilutions: **100%, 50%, 25%, 12.5% and 6.25%** effluent.
- (2) Additional Follow-up Tests, if required:
 - (a) If a routine test does not meet the acute toxicity limitation in 8.a.(1) above, the permittee shall conduct two (2) additional follow-up tests on each species that failed the test.
 - (b) The first and second additional follow-up tests shall be conducted using a control (0% effluent) and a minimum of five (5) dilutions: 100%, 50%, 25%, 12.5% and 6.25% effluent. All test results shall be statistically analyzed according to the Appendices in EPA-821-R-02-012.
 - (c) The first test shall be initiated within two (2) weeks of the end of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of two (2) valid additional follow-up tests are completed.
- (3) The permittee shall conduct 96-hour acute static renewal multi-concentration toxicity tests using the daphnid, **Ceriodaphnia dubia**, and the bannerfin shiner, **Cyprinella leedsii**, concurrently.
- (4) All test species, procedures and quality assurance criteria used shall be in accordance with **Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms**, EPA-821-R-02-012. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct acute toxicity testing in accordance with the revised method.
- (5) The control water and dilution water used will be moderately hard water as described in EPA-821-R-02-012, Table 7.

d. Sampling Requirements.

- (1) Routine tests shall be conducted on four (4) separate grab samples collected at evenly-spaced (6-hour) intervals over a 24-hour period and used in four (4) separate tests in order to catch any peaks of toxicity and to account for daily variations in effluent quality. If the duration of the discharge is less than 24-hours, the duration of discharge shall be documented on the chain of custody.
- (2) For additional follow-up tests, the first test shall be conducted on four (4) separate grab samples collected at evenly-spaced (6-hour) intervals over a 24-hour period. Each sample shall be run as a separate test. The second additional follow-up test shall be run on a single grab sample collected on the day and time when the greatest toxicity was identified in the first additional follow-up test. Results for each additional test shall include the determination of LC50 values with 95% confidence limits.

e. Quality Assurance Requirements.

- (1) A standard reference toxicant (SRT) quality assurance (QA) acute toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or started no more than 30 days before the date of each routine or additional follow-up test conducted. The SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.
- (2) If the mortality in the control (0% effluent) exceeds 10% for either species in any test, the test for that species (including the control) shall be invalidated and the test repeated.
- (3) If, during any routine separate grab sample test, 100% mortality occurs prior to the end of the test and control mortality is less than 10% at that time, that test (including the control) shall be terminated with the conclusion that the test fails and constitutes non-compliance.
- (4) Additional follow-up tests shall be evaluated for acceptability based on the concentration-response relationship, as required by EPA-821-R-02-012, Section 12.2.6.2., and included with the bioassay reports.

f. Reporting Requirements.

- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
 - (a) Routine Test Results: If an LC50 >100% effluent occurs in all four (4) separate grab sample tests for the test species, ">100%" should be entered on the DMR for that test species. If in any of the four (4) separate grab sample tests for the test an LC50 <100% effluent occurs, the lowest calculated LC50 effluent concentration shall be entered on the DMR for that test species.
 - (b) Additional Follow-up Test Results: Report the calculated LC50 value for that test species and the 95% confidence limits.
- (2) A bioassay laboratory report for the routine test shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days of the completion of the test.
- (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-012, Section 12, and mailed within 45 days of completion of the second valid additional follow-up test. If any additional follow-up test or two (2) consecutive routine tests do not meet the effluent limitation specified in 8.a.(1) above, the permittee shall contact the Department within 30 days of the laboratory report submittal to discuss the corrective actions necessary to remedy the observed acute toxicity.

- (4) All bioassay reports shall be sent to:

Florida Department of Environmental Protection
Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, Florida 33401

FACILITY: FPUA Water Reclamation Facility
 PERMITTEE: Fort Pierce Utilities Authority

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

B. Underground Injection Control Systems

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent to **Underground Injection Well Facility U-001** located at 403 Seaway Drive, Fort Pierce, Florida. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.C.8.

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	-	-	-	14.92 (PHF)	Continuous	Recording flow meter and totalizers	EFF-1	See Condition I.B.3.
BOD, Carbonaceous, 5-day, 20°C	mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days/Week	24-hour flow proportioned composite	EFA-1	-
Solids, Total Suspended	mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days/Week	24-hour flow proportioned composite	EFA-1	-
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	pH meter with 24-hour recording chart	EFA-1	See Condition I.B.4.

FACILITY: FPUA Water Reclamation Facility
PERMITTEE: Fort Pierce Utilities Authority

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

2. Reclaimed water 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
EFA-1	At the end of the chlorine contact chamber.
EFF-1	Magnetic flow meter located on the injection well header pipes.

3. The peak hourly flow (PHF) to Underground Injection Well Facility U-001 shall not exceed 14.92 MGD.
4. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2, F.A.C.]*
5. Flow meters and totalizers shall be utilized to measure flow and shall be calibrated at least annually. *[62-601.200(17) and .500(6), F.A.C.]*

C. 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 and reported in accordance with condition I.C.8.

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, Influent	MGD	Maximum	10.0 AADF	11.5 TMADF	-	-	Continuous	Recording flow meter and totalizers	INF-1	See Condition I.C.3.
BOD, Carbonaceous, 5-day, 20°C	mg/L	Maximum	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-2	See Condition I.C.4.
Solids, Total Suspended	mg/L	Maximum	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-2	See Condition I.C.4.
Percent Capacity, (TMADF / Permitted Capacity) x 100	Percent	Maximum	-	Report	-	-	Monthly	Calculated	OTH-1	-

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

Monitoring Location Site Number	Description of Monitoring Location
INF-1	Influent flow meter located on the influent force main.
INF-2	At the wastewater treatment plant headworks.
OTH-1	Calculated value for Permitted Capacity.

3. Influent flow to the treatment plant shall not exceed 10.0 MGD AADF, or 11.5 MGD TMAD.
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), F.A.C.]*
5. Recording flow meters and totalizers shall be utilized to measure flow and shall be calibrated at least annually. *[62-601.200(17) and .500(6), F.A.C.]*
6. 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), F.A.C.]*
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), F.A.C.]*
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 30	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 by the twenty-eighth (28th) of the month following the month of operation, at the address specified below:

Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

[62-620.610(18), 62-601.300(1),(2), and (3), F.A.C.]

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 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 28** of each year. *[62-601.300(4) and 62-601.500(3), F.A.C.]*
10. 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 Southeast District Office at the address specified below:

Florida Department of Environmental Protection
Southeast District Office
1801 Southeast Hillmoor Drive, Suite C-204
Port St. Lucie, Florida 34952

Phone Number: (772) 398-2806
FAX Number: (772) 398-2815

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, F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*

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., F.A.C.]*
5. 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), F.A.C.]*
6. 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, under unusual circumstances, 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,
 - 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) and (3), F.A.C.]

7. 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)]*
8. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f), F.A.C.]*
9. 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), F.A.C.]*
10. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven (7) 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 (5) 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), F.A.C.]

- 11. 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), F.A.C.]*
- 12. 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, F.A.C.]*
- 13. 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), F.A.C.]*
- 14. 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), F.A.C.]*

III. GROUND WATER MONITORING REQUIREMENTS

- 1. The permittee shall perform groundwater monitoring of the underground injection well system U-001, consisting of one (1) Class I underground injection well and related monitoring wells, as covered in Department Permit Number **UO-56-269875**, or any existing or subsequent permits issued by the Department’s Underground Injection Control Program.

[62-522.600(11)(b), 62-601.300(3), 62.601.700, and 62-601 Figure 3, F.A.C.]

VI. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

This section is not applicable to this facility.

V. OPERATION AND MAINTENANCE REQUIREMENTS

- 1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under 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 II, Class A facility, and at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 24 hours/day for 7 days/week. The lead operator must be a Class A operator.

[62-620.630(3), 62-699.310, and 62-610.462, F.A.C.]

- 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), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*
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, F.A.C.]

VI. SCHEDULES

No later than one year from the permit issuance date the Permittee shall increase the permitted peak hourly flow to reflect a peaking factor from current flow data that will preclude surface water discharge during wet weather events.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. The permittee shall function as the Control Authority and shall be responsible for the performance of all pretreatment program requirements contained in Chapter 62-625, F.A.C. The permittee shall be subject to enforcement actions, penalties, and other remedies by the Department or other appropriate parties. The permittee

shall implement and enforce its Approved Pretreatment Program. The permittee's Approved Pretreatment Program is hereby made an enforceable condition of this permit. The Department may initiate enforcement action against an industrial user for noncompliance with applicable standards and requirements. *[62-625.500, F.A.C.]*

2. The permittee shall enforce the requirements promulgated under Sections 307(b), 307(c), 307(d), and 402(b) of the Act. The permittee shall cause industrial users subject to Federal Categorical Standards to achieve compliance no later than the date specified in those requirements or, in the case of new industrial users, upon commencement of the discharge. *[62-625.410, F.A.C.]*
3. The permittee shall perform the pretreatment functions as required in Chapter 62-625, F.A.C., including, but not limited to, the following:
 - a. Implementing the necessary legal authorities as provided in Rule 62-625.500(2)(a), F.A.C. This includes, among other things, the authority to require compliance with applicable pretreatment standards, which includes general prohibitions listed in Rule 62-625.400(1), F.A.C., specific prohibitions in Rule 62-625.400(2), F.A.C., locally developed limits as required by Rules 62-625.400(3) and (4), F.A.C., and national categorical limits in accordance with Rule 62-625.410, F.A.C.;
 - b. Implementing the programmatic functions as required under Rule 62-625.500(2)(b), F.A.C.;
 - c. Providing the required funding, equipment, and personnel to implement the pretreatment program as provided in Rules 62-625.500(2), (3), and (4), F.A.C.; and
 - d. Providing a written technical evaluation that local limits have been developed in accordance with Rule 62-625.400(3)(a), F.A.C. The evaluation shall verify whether existing local limits protect the wastewater facilities, and if not, the permittee shall develop new local limits as part of the evaluation. This evaluation shall be submitted to the Department at the address in the condition below within 180 days after permit renewal.

[62-625.400 and .500, F.A.C.]

4. As required by Rules 62-625.600(8) and (12), F.A.C., the permittee shall submit a signed copy of the annual report for pretreatment activities, including DMRs for Monitoring Group Numbers PRT-I, PRT-E, and PRT-R, to the Department at the following address:

Florida Department of Environmental Protection
Domestic Wastewater Section, Mail Station 3540
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

The annual report shall contain the information required in accordance with Rule 62-625.600(8), F.A.C., except section (8)(e) as noted below, and shall describe the permittee's pretreatment activities for the reporting year. In the event that the permittee is not in compliance with any conditions or requirements of the pretreatment program, then the permittee shall also include the reasons for noncompliance and state how and when the permittee shall comply with such conditions and requirements.

In order to comply with Rule 62-625.600(8)(e), F.A.C., the permittee shall submit annual DMRs with the analytical results of influent, effluent, and residuals for those pollutants listed on the DMRs. For any other non-priority pollutants which the permittee believes may be causing or contributing to interference, pass through, or adversely impacting residuals quality, the annual report shall provide a summary of all analytical results of influent, effluent, and residuals. The annual report and DMRs are due on **November 1** of each year. *[62-625.600(12), F.A.C.]*

7. Samples for Monitoring Group Numbers PRT-I, PRT-E, and PRT-R shall be taken at the monitoring site locations described below:

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	After the screening process at the headworks structure.
PRT-E	At the effluent weir.
PRT-R	At the primary digester.

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) through (4), F.A.C.]*
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. *[62-620.320(9), 62-302.500(2)(e), and 62-640.700(2)(b), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX.20. *[62-604.550 and 62-620.610(20), F.A.C.]*
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 and safety problems.

[62-604.130(5), F.A.C.]

- 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), F.A.C.]*
- 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), F.A.C.]*
- 9. The permittee shall provide verbal notice to the Department's Southeast 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 Southeast District Office in a written report within seven (7) days of the sinkhole discovery. *[62-4.070(3), F.A.C.]*

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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]

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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*

20. The permittee shall report to the Department's Southeast District Office 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 (5) 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.
 - 2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Southeast District Office 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's Southeast District Office shall waive the written report. *[62-620.610(20), F.A.C.]*

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), F.A.C.]*

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), F.A.C.]

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 has the burden of proof 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), F.A.C.]

Executed in West Palm Beach, Florida.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

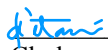


Linda A. Brien, P.G.
Water Facilities Administrator
Southeast District

LAB//TP/st

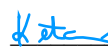
FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated deputy clerk, receipt of which is hereby acknowledged.

  _____
Clerk Date March 2, 2007

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on March 2, 2007 to the listed persons.

  _____
Name Date March 2, 2007

Electronic copies furnished to:

Sharon Sawicki, P.E., DEP/TLH, sharon.sawicki@dep.state.fl.us
Francine Ffolkes, DEP OGC/TLH, francine.fffolkes@dep.state.fl.us
Jose Calas, DEP/SED, jose.calas@dep.state.fl.us
Robert Heilman, P.E., DEP/TLH, Robert.Heilman@DEP.state.fl.us
James Moses, R.S., St. Lucie County Department of Health, james_moses@doh.state.fl.us
Sean Skehan, P.E., CH2M Hill, SSkehan@CH2M.com

NPDES Contacts:

Todd Brown, DEP/WPB, todd.brown@dep.state.fl.us
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Virginia Buff, EPA Region IV, Buff.Virginia@epa.gov
Terri Stoutamire, Florida Department of Community Affairs, Terri.Stoutamire@DCA.state.fl.us
Eric Hawk, NOAA, Eric.Hawk@noaa.gov
Linda Ferrel, U.S. Fish and Wildlife, Linda_Ferrel@fws.gov

FACILITY: FPUA Water Reclamation Facility
PERMITTEE: Fort Pierce Utilities Authority

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

Myrna Lopez, U.S. Army Corps of Engineers, myrna.i.lopez@saj02usace.army.mil
LEAF, leaf@leaflaw.org

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: FPUA Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **D-001**
MONITORING GROUP DESC: Surface water discharge to Indian River, and Influent to treatment plant.

COUNTY: St. Lucie

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 B Mon.Site No. EFB-1 & EFF-1	Permit Requirement	18.6 (Peak Hour)		MGD						Continuous	Calculated from Flow Meters*
BOD, Carbonaceous, 5-day, 20°C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			mg/L		Daily during discharge	24-hr. FPC
BOD, Carbonaceous, 5-day, 20°C	Sample Measurement										
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement				25.0 (Mo.Avg.)	40.0 (Wk.Avg.)	60.0 (Max.)	mg/L		Daily during discharge	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			mg/L		Daily during discharge	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	mg/L		Daily during discharge	24-hr. FPC

* Flow to Indian River = [Flow at EFB-1 (Parshall flume)] - [Flow at EFF-1 (Injection Well)]: _____.

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: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **D-001 and Influent**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement				200 (An. Avg.)			#/100 mL		Daily during discharge	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 1 Mon.Site No. EFA-1	Permit Requirement				200 (Mo.Geo.Mean)	400 (90 th Percentile)	800 (Max.)	#/100 mL		Daily during discharge	Grab
pH	Sample Measurement										
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement				6.5 (Min.)	8.5 (Max.)		SU		Continuous	Meter
Total Residual Chlorine (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		Continuous	Meter
Total Residual Chlorine (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon.Site No. EFD-1	Permit Requirement				0.01 (Max.)			mg/L		Daily during discharge	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-1	Permit Requirement				5.0 (Min.)			mg/L		Daily during discharge	Grab
Flow	Sample Measurement										
PARM Code 50050 G Mon.Site No. INF-1	Permit Requirement	11.5 (3-Mo.Avg.)	Report (Mo.Avg.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 G Mon.Site No. INF-2	Permit Requirement				Report (Mo.Avg.)			mg/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon.Site No. INF-2	Permit Requirement				Report (Mo.Avg.)			mg/L		5 Days/Week	24-hr. FPC
Percent Capacity, (TMADF/Permitted Capacity)x100	Sample Measurement										
PARM Code 00180 P Mon.Site No. OTH-1	Permit Requirement				Report			PERCENT		Monthly	Calculated

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Toxicity
GROUP: Domestic

FACILITY: Fort Pierce Utilities Authority Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **D-001**
MONITORING GROUP DESC: Surface water discharge to Indian River.

COUNTY: St. Lucie

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96-HOUR ACUTE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TAN3B P Mon.Site No. EFD-1	Permit Requirement				100 (Min.)			PERCENT		Annually	4 Grabs within 24 hours.
LC50 STATRE 96-HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B Q Mon.Site No. EFD-1	Permit Requirement				100 (Min.)			PERCENT		As needed	As required by the permit
LC50 STATRE 96-HOUR ACUTE Cyprinella leedsi (Routine)	Sample Measurement										
PARM Code TAN6H P Mon.Site No. EFD-1	Permit Requirement				100 (Min.)			PERCENT		Annually	4 Grabs within 24 hours.
LC50 STATRE 96-HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H Q Mon.Site No. EFD-1	Permit Requirement				100 (Min.)			PERCENT		As needed	As required by the permit
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

*IF A SECOND DEFINITIVE TEST IS REQUIRED, ENTER THE RESULT IN AN EMPTY ROW.

**ENTER NODI=C IN THE RESULTS COLUMN IF NO DISCHARGE OCCURRED DURING THIS REPORTING PERIOD.

ENTER NODI=9 IN THE RESULTS COLUMN IF NO DEFINITIVE TESTS ARE REQUIRED.

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):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER: FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: FPUA Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **U-001**
MONITORING GROUP DESC: Underground injection well.

COUNTY: St. Lucie

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 1 Mon.Site No. EFF-1	Permit Requirement	14.92 (Peak Hour)	Report (Mo.Avg.)	MGD						Continuous	Flow Totalizer
BOD, Carbonaceous, 5-day, 20°C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			mg/L		5 Days/Week	24-hr. FPC
BOD, Carbonaceous, 5-day, 20°C	Sample Measurement										
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	mg/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			mg/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	mg/L		5 Days/Week	24-hr. FPC
pH	Sample Measurement										
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter

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):

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0027278

Facility: FPUA Water Reclamation Facility

Monitoring Period: From: _____ To: _____

	CBOD5, (mg/L)	TSS, (mg/L)	Coliform, Total (#/100 mL)	pH (Max)	pH (Min)	TRC (Disinfect.), (mg/L)	TRC (Dechlor.), (mg/L)	DO, (mg/L)	Flow (MGD)*	Flow, (MGD)*
Code	80082	00530	74056	00400	00400	50060	50060	00300	50050	50050
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFD-1	EFD-1	EFB-1	EFF-1
1										
2										
3										
4										
5										
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24										
25										
26										
27										
28										
29										
30										
31										
Total										
Mo. Avg.										

* Flow to Indian River = [Flow at EFB-1 (Parshall flume)] - [Flow at EFF-1 (Injection Well)]: _____.

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: _____

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0027278

Facility: FPUA Water Reclamation Facility

Monitoring Period: From: _____ To: _____

	Flow, (MGD)	Percent Capacity, (TMADF/Permitted Capacity) x 100, (PERCENT)	CBOD5, (mg/L)	TSS, (mg/L)					
Code	50050	00180	80082	00530					
Mon. Site	INF-1	OTH-1	INF-2	INF-2					
1									
2									
3									
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26									
27									
28									
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: _____

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.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Domestic Wastewater Section, MS 3540, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: FPUA Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **PRT-I**
MONITORING GROUP DESC: Influent Pretreatment

COUNTY: St. Lucie

NO DISCHARGE FROM
SITE:

☐

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 G Mon.Site No. PRT-I	Permit Requirement				Report (Min.)	Report (Max.)		SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/L		Annual	Grab
Benzene	Sample Measurement										
PARM Code 34030 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement										
PARM Code 32104 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement										
PARM Code 34301 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

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: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chloroethane, Total Weight	Sample Measurement										
PARM Code 34311 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
2-chloroethyl vinyl ether (mixed)	Sample Measurement										
PARM Code 34576 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chloroform	Sample Measurement										
PARM Code 32106 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Ethylbenzene	Sample Measurement										
PARM Code 34371 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methyl bromide	Sample Measurement										
PARM Code 34413 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methyl chloride	Sample Measurement										
PARM Code 34418 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methylene chloride	Sample Measurement										
PARM Code 34423 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,2,2-tetrachloroethane	Sample Measurement										
PARM Code 34516 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Toluene	Sample Measurement										
PARM Code 34010 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Trichloroethylene	Sample Measurement										
PARM Code 39180 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Vinyl chloride	Sample Measurement										
PARM Code 39175 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
2-chlorophenol	Sample Measurement										
PARM Code 34586 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dichlorophenol	Sample Measurement										
PARM Code 34601 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dimethylphenol	Sample Measurement										
PARM Code 34606 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,6-dinitro-o-cresol	Sample Measurement										
PARM Code 34657 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dinitrophenol	Sample Measurement										
PARM Code 34616 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2-nitrophenol	Sample Measurement										
PARM Code 34591 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-nitrophenol	Sample Measurement										
PARM Code 34646 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
p-chloro-m-cresol	Sample Measurement										
PARM Code 82627 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement										
PARM Code 39032 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Phenol, Single Compound	Sample Measurement										
PARM Code 34694 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4,6-trichlorophenol	Sample Measurement										
PARM Code 34621 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Anthracene	Sample Measurement										
PARM Code 34220 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzidine	Sample Measurement										
PARM Code 39120 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(a)pyrene	Sample Measurement										
PARM Code 34247 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement										
PARM Code 79531 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(k)fluoranthene	Sample Measurement										
PARM Code 34242 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroethoxy) methane	Sample Measurement										
PARM Code 34278 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroethyl) ether	Sample Measurement										
PARM Code 34273 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroisopropyl) ether	Sample Measurement										
PARM Code 34283 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement										
PARM Code 39100 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-bromophenyl phenyl ether	Sample Measurement										
PARM Code 34636 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2-chloronaphthalene	Sample Measurement										
PARM Code 34581 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-chlorophenyl phenyl ether	Sample Measurement										
PARM Code 34641 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chrysene	Sample Measurement										
PARM Code 34320 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dibenzo (a,h) anthracene	Sample Measurement										
PARM Code 34556 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
3,3'-dichlorobenzidine	Sample Measurement										
PARM Code 34631 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Diethyl phthalate	Sample Measurement										
PARM Code 34336 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dimethyl phthalate	Sample Measurement										
PARM Code 34341 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Di-n-butyl phthalate	Sample Measurement										
PARM Code 39110 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dinitrotoluene	Sample Measurement										
PARM Code 34611 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement									
PARM Code 34626 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Di-n-octyl phthalate	Sample Measurement									
PARM Code 34596 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2-diphenylhydrazine	Sample Measurement									
PARM Code 34346 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Fluoranthene	Sample Measurement									
PARM Code 34376 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Fluorene	Sample Measurement									
PARM Code 34381 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorobenzene	Sample Measurement									
PARM Code 39700 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachlorobutadiene	Sample Measurement									
PARM Code 39702 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachlorocyclopentadiene	Sample Measurement									
PARM Code 34386 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachloroethane	Sample Measurement									
PARM Code 34396 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Indeno (1,2,3-Cd) pyrene	Sample Measurement									
PARM Code 34403 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Naphthalene	Sample Measurement										
PARM Code 34696 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodimethylamine	Sample Measurement										
PARM Code 34438 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodi-n-propylamine	Sample Measurement										
PARM Code 34428 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodiphenylamine	Sample Measurement										
PARM Code 34433 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Pyrene	Sample Measurement										
PARM Code 34469 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2,4-trichlorobenzene	Sample Measurement										
PARM Code 34551 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Aldrin	Sample Measurement										
PARM Code 39330 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved	Sample Measurement										
PARM Code 34253 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement										
PARM Code 39338 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement										
PARM Code 39782 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement										
PARM Code 34259 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement										
PARM Code 39350 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement										
PARM Code 39300 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement										
PARM Code 39320 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement										
PARM Code 39310 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement										
PARM Code 39380 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement										
PARM Code 34361 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement							
PARM Code 34356 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Endosulfan sulfate	Sample Measurement							
PARM Code 34351 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Endrin	Sample Measurement							
PARM Code 39390 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Endrin aldehyde	Sample Measurement							
PARM Code 34366 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Heptachlor	Sample Measurement							
PARM Code 39410 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Heptachlor epoxide	Sample Measurement							
PARM Code 39420 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
PCB-1242	Sample Measurement							
PARM Code 39496 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
PCB-1254	Sample Measurement							
PARM Code 39504 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
PCB-1221	Sample Measurement							
PARM Code 39488 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
PCB-1232	Sample Measurement							
PARM Code 39492 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1260	Sample Measurement										
PARM Code 39508 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1016	Sample Measurement										
PARM Code 34671 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Toxaphene	Sample Measurement										
PARM Code 39400 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Antimony, Total Recoverable	Sample Measurement										
PARM Code 01268 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Beryllium, Total Recoverable	Sample Measurement										
PARM Code 00998 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Cadmium, Total Recoverable	Sample Measurement										
PARM Code 01113 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Chromium, Total Recoverable	Sample Measurement										
PARM Code 01118 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Mercury, Total Recoverable	Sample Measurement										
PARM Code 71901 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Selenium, Total Recoverable	Sample Measurement										
PARM Code 00981 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Thallium, Total Recoverable	Sample Measurement										
PARM Code 00982 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Domestic Wastewater Section, MS 3540, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: FPUA Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **PRT-E**
MONITORING GROUP DESC: Effluent Pretreatment

COUNTY: St. Lucie

NO DISCHARGE FROM
SITE:

☐

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 1 Mon.Site No. PRT-E	Permit Requirement				Report (Min.)	Report (Max.)		SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/L		Annual	Grab
Benzene	Sample Measurement										
PARM Code 34030 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement										
PARM Code 32104 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement										
PARM Code 34301 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

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: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chloroethane, Total Weight	Sample Measurement										
PARM Code 34311 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
2-chloroethyl vinyl ether (mixed)	Sample Measurement										
PARM Code 34576 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Chloroform	Sample Measurement										
PARM Code 32106 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Ethylbenzene	Sample Measurement										
PARM Code 34371 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methyl bromide	Sample Measurement										
PARM Code 34413 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methyl chloride	Sample Measurement										
PARM Code 34418 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Methylene chloride	Sample Measurement										
PARM Code 34423 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,2,2-tetrachloroethane	Sample Measurement										
PARM Code 34516 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Toluene	Sample Measurement										
PARM Code 34010 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Trichloroethylene	Sample Measurement										
PARM Code 39180 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Vinyl chloride	Sample Measurement										
PARM Code 39175 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
2-chlorophenol	Sample Measurement										
PARM Code 34586 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dichlorophenol	Sample Measurement										
PARM Code 34601 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dimethylphenol	Sample Measurement										
PARM Code 34606 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,6-dinitro-o-cresol	Sample Measurement										
PARM Code 34657 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dinitrophenol	Sample Measurement										
PARM Code 34616 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2-nitrophenol	Sample Measurement										
PARM Code 34591 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-nitrophenol	Sample Measurement										
PARM Code 34646 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
p-chloro-m-cresol	Sample Measurement										
PARM Code 82627 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement										
PARM Code 39032 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Phenol, Single Compound	Sample Measurement										
PARM Code 34694 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4,6-trichlorophenol	Sample Measurement										
PARM Code 34621 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Anthracene	Sample Measurement										
PARM Code 34220 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzidine	Sample Measurement										
PARM Code 39120 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(a)pyrene	Sample Measurement										
PARM Code 34247 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(b)fluoranthene (3,4-benzo)	Sample Measurement										
PARM Code 79531 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Benzo(k)fluoranthene	Sample Measurement										
PARM Code 34242 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroethoxy) methane	Sample Measurement										
PARM Code 34278 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroethyl) ether	Sample Measurement										
PARM Code 34273 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-chloroisopropyl) ether	Sample Measurement										
PARM Code 34283 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Bis (2-ethylhexyl) phthalate	Sample Measurement										
PARM Code 39100 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-bromophenyl phenyl ether	Sample Measurement										
PARM Code 34636 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2-chloronaphthalene	Sample Measurement										
PARM Code 34581 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-chlorophenyl phenyl ether	Sample Measurement										
PARM Code 34641 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chrysene	Sample Measurement										
PARM Code 34320 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dibenzo (a,h) anthracene	Sample Measurement										
PARM Code 34556 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
3,3'-dichlorobenzidine	Sample Measurement										
PARM Code 34631 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Diethyl phthalate	Sample Measurement										
PARM Code 34336 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dimethyl phthalate	Sample Measurement										
PARM Code 34341 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Di-n-butyl phthalate	Sample Measurement										
PARM Code 39110 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dinitrotoluene	Sample Measurement										
PARM Code 34611 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement										
PARM Code 34626 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Di-n-octyl phthalate	Sample Measurement										
PARM Code 34596 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2-diphenylhydrazine	Sample Measurement										
PARM Code 34346 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Fluoranthene	Sample Measurement										
PARM Code 34376 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Fluorene	Sample Measurement										
PARM Code 34381 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachlorobutadiene	Sample Measurement										
PARM Code 39702 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Hexachloroethane	Sample Measurement										
PARM Code 34396 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Indeno (1,2,3-Cd) pyrene	Sample Measurement										
PARM Code 34403 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Naphthalene	Sample Measurement										
PARM Code 34696 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodimethylamine	Sample Measurement										
PARM Code 34438 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodi-n-propylamine	Sample Measurement										
PARM Code 34428 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
N-nitrosodiphenylamine	Sample Measurement										
PARM Code 34433 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Pyrene	Sample Measurement										
PARM Code 34469 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
1,2,4-trichlorobenzene	Sample Measurement										
PARM Code 34551 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Aldrin	Sample Measurement										
PARM Code 39330 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved	Sample Measurement										
PARM Code 34253 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement										
PARM Code 39338 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement										
PARM Code 39782 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement										
PARM Code 34259 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement										
PARM Code 39350 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement										
PARM Code 39300 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement										
PARM Code 39320 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement										
PARM Code 39310 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement										
PARM Code 39380 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement										
PARM Code 34361 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement										
PARM Code 34356 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Endosulfan sulfate	Sample Measurement										
PARM Code 34351 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Endrin	Sample Measurement										
PARM Code 39390 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Endrin aldehyde	Sample Measurement										
PARM Code 34366 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Heptachlor	Sample Measurement										
PARM Code 39410 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Heptachlor epoxide	Sample Measurement										
PARM Code 39420 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1242	Sample Measurement										
PARM Code 39496 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1254	Sample Measurement										
PARM Code 39504 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1221	Sample Measurement										
PARM Code 39488 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1232	Sample Measurement										
PARM Code 39492 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1260	Sample Measurement										
PARM Code 39508 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
PCB-1016	Sample Measurement										
PARM Code 34671 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Toxaphene	Sample Measurement										
PARM Code 39400 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Antimony, Total Recoverable	Sample Measurement										
PARM Code 01268 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Beryllium, Total Recoverable	Sample Measurement										
PARM Code 00998 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Cadmium, Total Recoverable	Sample Measurement										
PARM Code 01113 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Chromium, Total Recoverable	Sample Measurement										
PARM Code 01118 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPUA Water Reclamation Facility

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: **FL0027278**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Mercury, Total Recoverable	Sample Measurement										
PARM Code 71901 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Selenium, Total Recoverable	Sample Measurement										
PARM Code 00981 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Thallium, Total Recoverable	Sample Measurement										
PARM Code 00982 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Domestic Wastewater Section, MS 3540, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Fort Pierce Utilities Authority
MAILING ADDRESS: 1701 South 37th Street
Fort Pierce, FL 34947

PERMIT NUMBER FL0027278

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: FPUA Water Reclamation Facility
LOCATION: 403 Seaway Drive
Fort Pierce, FL 34949

MONITORING GROUP NUMBER: **PRT-R**
MONITORING GROUP DESC: Residuals Pretreatment

COUNTY: St. Lucie

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cadmium, Sludge, Tot. Dry Wt. (Cd)	Sample Measurement										
PARM Code 78476 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Copper, Sludge, Tot. Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Lead, Dry Weight	Sample Measurement										
PARM Code 78468 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Mercury, Dry Weight	Sample Measurement										
PARM Code 78471 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Nickel, Dry Weight	Sample Measurement										
PARM Code 78469 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	Composite
Zinc, Dry Weight	Sample Measurement										
PARM Code 78467 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg		Annual	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):

**FACT SHEET
FOR
STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FL0027278 (Major)

DEP PA FILE NUMBER: FL0027278-004-DW1P-NR

FACILITY NAME: Fort Pierce Utilities Authority Water Reclamation Facility

FACILITY LOCATION: 403 Seaway Drive, Fort Pierce, Florida 34949

NAME OF PERMITTEE: Fort Pierce Utilities Authority

PERMIT WRITER: Stephanie Tassos

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date: November 9, 2004.
Additional Information: August 11, 2006; September 19, 2006.
Public Notice Date: NA

b. Type of Facility

Domestic Wastewater Treatment Plant
Privately owned treatment works
Standard Industrial Classification Code: 4952

c. Facility Capacity

Existing Design Capacity:	10.0	MGD	AADF
Proposed Increase in Design Capacity:	0.0	MGD	AADF
Proposed Total Design Capacity:	10.5	MGD	AADF
Existing Permitted Capacity:	10.0	MGD	AADF
Proposed Increase in Permitted Capacity:	0.0	MGD	AADF
Proposed Total Permitted Capacity:	10.0	MGD	AADF

NOTE: In the last operating permit, issued May 10, 2000, permitted capacity was increased from 7.5 MGD AADF to 10.0 MGD AADF by re-rating and not by construction of additional facilities.

d. Description of Effluent or Reclaimed Water Discharges (as reported by applicant)

Outfall Serial Number: D-001

Monthly Average Daily Flow (mgd): 0.0 MGD*

* Discharge to D-001, Indian River, occurs only during Mechanical Integrity Testing (MIT) of underground injection well system U-001, and extreme wet weather events, and occurs approximately once every five (5) years for a period of about six (6) days..

pH Range (Standard Units): 6.4 - 7.3

Pollutants which are present in significant quantities or which are subject to effluent or reclaimed water limitations are as follows:

Parameters	Reported Data		
	Lowest Single Sample	Highest Single Sample	Monthly Average
BOD, Carbonaceous, 5-day, 20 °C, (mg/L)	5	12	7.2
Solids, Total Suspended, (mg/L)	2	14	7.1
Coliform, Fecal, (#/100 mL)	-	0.5	-
TRC (for disinfection), (mg/L)	0.1	-	-
TRC (for dechlorination), (mg/L)	-	0.01	-
DO, (mg/L)	7.25	-	-

NOTE: The above values are taken from the Part A of the January 2003 DMR, which is when the most recent MIT occurred. There were other discharges to D-001 in the Fall of 2004 as a result of Hurricanes Frances and Jeanne, however, the corresponding data are inconclusive.

2. **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.

Outfall D-001 (Class III marine waters):

Parameter	Limit	Basis	Rationale
Flow, (MGD)	18.6	Peak Hourly Flow	62-600.400(3)(b), FAC
BOD, Carbonaceous, 5-day, 20°C, (mg/L)	20.0 25.0 40.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.420(1)(a) and/or .740(1)(b)1.a., FAC 62-620.625(5), FAC & 40 CFR 133.102(a)(4)(i) 62-620.625(5), FAC & 40 CFR 133.102(a)(4) 62-600.740(1)(b)1.d., FAC
Solids, Total Suspended, (mg/L)	20.0 30.0 40.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.420(1)(a) and/or .740(1)(b)1.a., FAC 62-600.740(1)(b)1.b., FAC 62-600.740(1)(b)1.c., FAC 62-600.740(1)(b)1.d., FA
pH, (SU)	6.5 to 8.5	Minimum and Maximum	62-302.530(52), FAC
Coliform, Fecal, (#/100 mL)	200 200 400	Annual Average Monthly Geo. Mean 90 th Percentile	62-600.440(4)(c)1., FAC 62-600.440(4)(c)2., FAC 62-600.440(4)(c)3., FAC

Parameter	Limit	Basis	Rationale
	800	Single Sample Max.	62-600.440(4)(c)4., FAC
Total Residual Chlorine (For Disinfection), (mg/L)	0.5	Minimum	62-600.440(5)(b), FAC
Total Residual Chlorine (For Dechlorination), (mg/L)	0.01	Single Sample Max.	62-600.440(2) and 62-302.530(19), FAC
Oxygen, Dissolved, (mg/L)	5.0	Single Sample Min.	62-601, FAC
Whole Effluent Toxicity (WET)	-	-	62-302.200(1), 62-302.500(1)(a)4., and 62-4.244(3)(a), FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 and 62-699, FAC, and/or BPJ* of permit writer.
Sampling Locations	-	All Parameters	62-601, FAC, and/or BPJ* of permit writer.

* BPJ=Best Professional Judgment

Pursuant to Chapter 90-262, Section 2, Subsections 3(b) and (c), Laws of Florida, the permittee is authorized to discharge treated effluent from Outfall D-001 to the Indian River only during Mechanical Integrity Testing (MIT) of the facility's deep injection well, as required by the Department's Underground Injection Control (UIC) Program.

The MIT should occur during high flow periods in the Indian River (typically during wet weather), however, discharge during lower flow periods (typically during dry weather) may have a lower impact on the receiving water. Historical bioassay results have indicated higher toxicity patterns during the wet weather season (June to September). It has been hypothesized that these patterns may be a result of stormwater inflow or infiltration effects. Therefore, scheduling of MITs may occur during the drier months (October to May) in order to minimize toxicity effects on the receiving water. It is recommended that Fort Pierce Utilities Authority confer with the Department prior to future MIT events.

Any other discharge to the Indian River is not authorized and shall be subject to Specific Conditions IX.20. (i.e., The permittee shall report to the Department's Southeast District Office 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. . .)

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

UIC System U-001 (Class I well to Class G-IV waters):

Parameter	Limit	Basis	Rationale
Flow, (MGD)	14.92	Peak Hourly Flow	62-600.400(3)(b), FAC

Parameter	Limit	Basis	Rationale
BOD, Carbonaceous, 5-day, 20°C, (mg/L)	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-610.540(1) and 62-600.740(1)(b)1.a., FAC 62-600.740(1)(b)1.b., FAC 62-600.740(1)(b)1.c., FAC 62-600.740(1)(b)1.d., FAC
Solids, Total Suspended, (mg/L)	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-610.540(1) and 62-600.740(1)(b)1.a., FAC 62-600.740(1)(b)1.b., FAC 62-600.740(1)(b)1.c., FAC 62-600.740(1)(b)1.d., FAC
pH, (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445, FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 and 62-699, FAC, and/or BPJ* of permit writer.
Sampling Locations	-	All Parameters	62-601, FAC, and/or BPJ* of permit writer.

* BPJ=Best Professional Judgment

NOTE: Flows for the injection well are established by Department permit number **UO-56-269875**.

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

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
Flow, Influent, (MGD)	14.92	Maximum Daily Flow	62-600.400(3)(b), FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100, (Percent)	Report	Monthly Average	62-600.405(4), FAC
BOD, Carbonaceous, 5-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 and 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, and 62-610.613, FAC, and/or BPJ* of permit writer.

* BPJ=Best Professional Judgment

3. **RESIDUALS MANAGEMENT**

The method of residuals use or disposal by this facility is land application, or disposal in a Class I or II solid waste landfill.

Residuals are currently aerobically digested, de-watered (thickened), and transported for disposal to the Okeechobee Landfill in Okeechobee County. Facility is, therefore, not subject to pathogen and vector attraction reduction standards set forth in 40 CFR 503.

4. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Rules 62-601 and 62-522, F.A.C.

The permittee shall perform groundwater monitoring of the underground injection well system U-001, consisting of one (1) Class I underground injection well and related monitoring wells, as covered in Department Permit Number UO-56-269875, or any existing or subsequent permits issued by the Department's Underground Injection Control Program.

5. SCHEDULES FOR IMPROVEMENT ACTIONS, CONSTRUCTION, AND ENGINEERING STUDIES

Section 5. is not applicable to this facility.

6. INDUSTRIAL PRETREATMENT REQUIREMENTS

The permittee has an active, approved industrial pretreatment program. The permit includes standard conditions requiring implementation and enforcement of the existing program.

7. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO, and there are no unresolved compliance issues for this facility.

8. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

9. DISCUSSION OF PREVIOUS PERMIT EFFLUENT OR RECLAIMED WATER LIMITATIONS.

The wastewater permit for this facility FL0027278, which expired on May 9, 2005, contains the following effluent or reclaimed water limits:

For Surface Water Outfall D-001:

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow, (MGD)	Maximum	-	-	-	18.6 PHF
CBOD ₅ , (mg/L)	Maximum	20.0	25.0	40.0	60.0
TSS, (mg/L)	Maximum	20.0	30.0	45.0	60.0

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Fecal Coliform, (#/100 mL)	Maximum	200	200 Mo. Geo. Mean 400 Mo. 90th Percentile	-	800
TRC (for disinfection), (mg/L)	Minimum	-	-	-	0.5
TRC (for dechlorination), (mg/L)	Maximum	-	-	-	0.01
pH, (SU)	Range	6.5 to 8.5			
DO, (mg/L)	Minimum	-	-	-	5.0
96-Hour Acute Static Renewal, <i>Ceriodaphnia dubia</i>	% Effluent	-	-	-	LC50 less than 100%
96-Hour Acute Static Renewal, <i>Cyprinella leedsi</i>	% Effluent	-	-	-	LC50 less than 100%

The parameters 96-Hour Acute Static Renewal, *Ceriodaphnia dubia* and 96-Hour Acute Static Renewal, *Cyprinella leedsi* have been replaced in this permit with Whole Effluent Toxicity (see Specific Condition I.A.11.). All other parameters remain the same.

For Underground Injection Well Facility U-001:

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow, (MGD)	Maximum	-	-	-	14.92 PHF
CBOD ₅ , (mg/L)	Maximum	20.0	30.0	45.0	60.0
TSS, (mg/L)	Maximum	20.0	30.0	45.0	60.0
pH, (SU)	Range	6.0 to 8.5			

10. NEW OR EXPANDED DISCHARGES TO SURFACE WATERS; ANTIDegradation Requirements

This facility does not have a new or expanded discharge.

11. EFFECTS OF SURFACE WATER DISCHARGE ON THREATENED OR ENDANGERED SPECIES

The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

12. 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	05-01-03
62-160	04-09-02
62-302	05-15-02
62-520	12-09-96
62-522	08-27-01
62-550	05-28-03
62-600	12-24-96
62-601	12-24-96
62-602	02-06-02
62-610	08-08-99
62-620	08-25-03
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.

13. DEPARTMENT CONTACT

Additional information concerning the permit may be obtained during normal business hours from:

Stephanie Tassos
Engineering Specialist III
Department's Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, Florida 33401
Telephone: (561) 681-6600
Fax: (561) 681-6760
Email: Stephanie.Tassos@DEP.state.fl.us

14. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13.

15. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Draft Permit: July 27, 2006.

Draft Permit to Applicant and USEPA: July 27, 2006.

Proposed permit to USEPA: February 28, 2007

Final Permit Issuance: February 28, 2007

16. ADDENDUM TO THE FACT SHEET AT THE TIME OF FINAL PERMIT ISSUANCE

The applicant, in correspondence dated August 11 and September 19, 2006, offered comments regarding the Draft Permit, including updating the permit to reflect the new Director of Utilities. The permit was also corrected in the "Treatment Facilities" on Page 1 to reflect basic disinfection capabilities, rather than high level disinfection. The final permit was also corrected to reflect the fact that toxicity tests are only required once every five years during MIT testing of the injection well, when a surface water discharge is authorized. The discharge Monitoring Report (DMR) for the surface water discharge in final permit was corrected to report Fecal Coliform, rather than Total Coliform.

The applicant also made one important comment regarding the authorization of wet weather discharge. The permit was not intended to authorize a surface water discharge except during MIT testing, not during wet weather events. The previous permit did not authorize wet weather discharge. After the Draft Permit was issued, Department staff conducted a review of the peaking factors and found that the previously permitted peak hour flow of 14.92 MGD may be less than eventual actual discharges as the plant flows increase to the annual average permitted flows of 10 MGD. Therefore, the Final Permit contains a requirement (in Part VI, Schedules) that the permitted hourly peak flow be increased to reflect the actual peaking factors that have been documented. Such an increase could be achieved in different ways, including addition of flow equalization, but probably could be more easily achieved by uprating the deep injection well disposal system capacity. The Final Permit allows the Permittee one year from the date of permit issuance to increase the permitted peak flow capacity of the system.