

Department of Environmental Protection

Jeb Bush
Governor
MAY 08 2002

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

David B. Struhs
Secretary

CERTIFIED MAIL
#7000 0600 0024 1597 6423

In the Matter of an
Application for Permit by:

City of Hollywood
c/o Mr. Whit Van Cott
Director of Public Utilities
P.O. Box 229045
Hollywood, FL 33022-9045

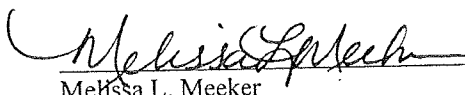
DEP Application (No.) FL0026255-001-DW1P
Broward County
DW - City of Hollywood Wastewater Treatment
Plant/Permit Renewal
DEP Permit No. FL0026255

Enclosed is Permit Number FL0026255 to operate the City of Hollywood's Wastewater Treatment plant and construct an expansion to 50.0 mgd issued under Chapter 403 Florida Statutes, and Florida Administrative Code Chapters 62-600, 62-601, 62-610, 62-620, 62-625, 62-640, 62-650, and 62-699.

Any party to this order (permit) has the right to seek judicial review of the permit 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 of Environmental Protection, 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 thirty days after this notice is filed with the clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION


Melissa L. Meeker
Director of District Management
Southeast District

5/7/02
Date

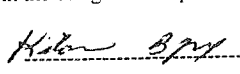

MLM/LAH/TP/mwb, FL0026255

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed by mail before the close of business on MAY 08 2002 to the listed persons.

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to s.120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk
Date

cc: Garth Hinckle, Jr., BCDPEP
John Coates, DEP/TLH
Paul J. Vinci, Hazen and Sawyer, P.C./Hollywood

Francine Ffolkes, OGC/TLH
Todd Brown, DEP/WPB
EPA

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**AMENDMENT TO THE FACT SHEET AT
THE TIME OF NOTICE OF PERMIT**

May 2, 2002

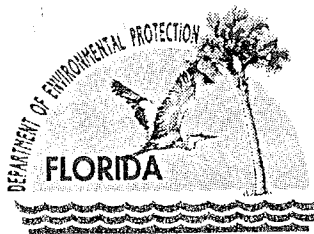
PERMIT NUMBER: FL0026255
APPLICATION NUMBER: FL0026255-001-DW1P
FACILITY NAME: Hollywood Southern Regional WWTF
FACILITY LOCATION: City of Hollywood, Broward County, Florida
NAME OF PERMITTEE: City of Hollywood
PERMIT WRITER: Michael W. Bechtold

I. CHANGES TO THE DRAFT PERMIT:

None

II. PUBLIC COMMENTS:

The Notice of Intent was published in the Sun Sentinel on April 5, 2002, and the proof of publication was received on May 1, 2002. No comments from the public were received.



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Department of Environmental Protection

Southeast District
P.O. Box 15425
West Palm Beach, Florida 33416

David B. Struhs
Secretary

MAY 08 2002

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

City of Hollywood
c/o Mr. Whit Van Cott
Director of Public Utilities
City of Hollywood
P.O. Box 229045
Hollywood, FL 33022-9045

PERMIT NUMBER: FL0026255
ISSUANCE DATE: MAY 08 2002
EXPIRATION DATE: MAY 07 2007
FACILITY I.D. NO: FL0026255 (Major)
APPLICATION NUMBER: FL0026255-001-DW1P

FACILITY:

Hollywood Southern Regional WWTF
City of Hollywood
1621 North 14th Avenue
Hollywood, FL 33019
Latitude: 26° 01' 33" N Longitude: 80° 08' 07" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. A Consent Order and a Consent Order amendment pursuant to Paragraphs 403.088(2)(e) and (f), Florida Statutes, accompany this permit. Compliance with Consent Order OGC File Number 96-1832 and all executed Consent Order amendments are a specific requirement of this permit. The above named Permittee is hereby authorized to operate and to construct the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

An existing 42.0 million gallons per day (mgd) annual average daily flow (AADF) treatment facility consisting of two (2) mechanical bar screens, followed by three (3) grit removal tanks, an influent lift station, two oxygenation tanks consisting of two (2) trains having four (4) cells each, four (4) square/center feed clarifiers, two (2) circular/center feed clarifiers, three (3) return activated sludge (RAS) pump stations, gaseous chlorination system, effluent pump station, odor control system, residual storage, thickening and dewatering facilities, lime stabilization facilities (on standby service), cryogenic oxygen plant, three (3) standby emergency generators to provide continuous disinfection and effluent pumping, and two (2) standby generators for influent pumping.

For upgrading to 45 mgd AADF, the following new treatment facilities will be provided: the influent pumping station will be upgraded, a third emergency generator for the influent pump station and other facilities on the south side of the WWTP, a fourth emergency generator for the effluent and other facilities on the north side of the WWTP, a new 120 foot diameter clarifier (Clarifier No. 7) and a new Return Activated Sludge (RAS) Pumping Station No. 4. The existing effluent flow meter will be replaced with a magnetic flowmeter. In a separate permit by the Underground

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Hollywood, FL

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Injection Control Section, phase one (1) will include one (1) 24-inch deep injection well with injection well pump station.

For uprating to 50 mgd AADF rate, the following new treatment units will be provided: new oxygenation Train No. 5 consisting of four cells; a new 120 foot diameter clarifier (No. 8), rehabilitation of Oxygenation Trains Nos. 1 and 2 and rehabilitation of Clarifiers 1 to 4. In a separate permit by the Underground Injection Control Section, phase two (2) will include a second 24-inch deep injection well.

EFFLUENT DISPOSAL:

Surface Water Discharge: An existing 46.3 mgd annual average daily flow (AADF) permitted discharge to the Atlantic Ocean (Class III waters) from the domestic wastewater treatment plants (City of Cooper City and Town of Davie) through the 60-inch ocean outfall (D001). The Hollywood outfall line is approximately 10,000 feet in length, discharges at a depth of approximately 90 feet and the point of discharge is located approximately at latitude 26° 01' 04" N, longitude 80° 05' 04" W.

Underground Injection: A new underground injection well system U001 consisting of two (2) Class I underground injection wells and injection well pump station discharging to Class G-IV ground water. The Permittee has submitted an UIC construction permit (Application Number 83253-001-UC). Underground injection well system U001 will be located approximately at latitude 26° 01' 39" N, longitude 80° 07' 56" W.

Salinity Barrier: The Permittee may elect, with Department's Underground Injection Control Section authorization, to proceed with further testing with regard to the Hollywood Salinity Barrier Test Project. The objective of this project is to investigate the potential of designing an injection well array for the dual purpose of reclaimed water disposal and well field protection from saline water encroachment. The Permittee has completed Phase 1 of the project. Phase 2, using irrigation quality water for test injection, is currently under Department's consideration.

REUSE:

Land Application: A 4.0 mgd AADF permitted capacity slow-rate public access land application system (R001) consisting of six golf courses (existing). Part of the 4.0 mgd AADF permitted capacity includes some new reuse sites that will be added during this permit cycle (see Table located in Part III Section 2 of this permit). R001 is approximately centered on latitude 26° 01' 39" N, longitude 80° 07' 56" W.

IN ACCORDANCE WITH: D.E.P. application form No. 62-600.910(2) received April 4, 1994 and additional information received on various dates from April 18, 1994 to February 10, 2000 see Fact Sheet for specific dates. Public notice for the Notice of Draft was published on October 5, 2001 in the South Florida Sun-Sentinel. The Department received proof of publication on October 15, 2001.

SUBJECT TO: The limitations, monitoring requirements and other conditions as set forth in Pages 1 through 37 of this permit.

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PERMITTEE: City of Hollywood
Mr. Whit Van Cott
Hollywood, FL

PERMIT NUMBER: FL0026255
EXPIRATION DATE: MAY 07 2007
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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 D001 to Atlantic Ocean at Hollywood. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Effluent Limitations				Monitoring Requirements			Notes
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	25.0	25.0	40.0	60.0	Daily	24-hour Flow Proportioned Composite (FPC)	PPI-1	See Cond. I A 12
Total Suspended Solids	mg/L	Maximum	30.0	30.0	45.0	60.0	Daily	24-hour FPC	PPI-1	See Cond. I. A 12
Flow	mgd	Maximum	Report	Report			Continuous	Flow Meter and 24 hour Recording Chart	PPI-3	See Cond. I. A. 3, 15, and 20
Flow	mgd	Maximum	Report	Report			Continuous	Flow Meter and 24 hour Recording Chart	PPI-4	See Cond. I. A. 3, 15 and 20
Flow	mgd	Maximum	46.3	Report			Continuous	Calculated	PPI-5	See Cond. I. A. 3, 15 and 18
pH	std. units	Range				6.0 to 8.5	Continuous	pH Meter and 24 hour Recording Chart	PPI-2	See Cond. I A 15 and 16.
Fecal Coliform Bacteria (Internal Sampling Point)	#/100ml	Maximum	See Permit Condition I. A. 4.				Daily	Grab	PPI-2	See Cond. I A 4 and 10
Dissolved Oxygen	mg/L	Minimum	See Permit Condition I. A. 7.				Daily	Grab	PPI-2	See Cond. I A 7

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Hollywood, FL

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I. A. 1. TABLE (CONTINUED)

Parameter	Units	Max/Min	Effluent Limitations			Monitoring Requirements				Notes
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	
Nitrogen, Total as N	Note A	Maximum	Report	Report		Report	Weekly	24-hour FPC	PPI-2	
Ammonia, Total as N	Note A	Maximum	Report	Report		Report	Weekly	24-hour FPC	PPI-2	
Nitrogen, Organic, Total as N	Note A	Maximum	Report	Report		Report	Weekly	24-hour FPC	PPI-2	
Phosphorus, Total as P	Note B	Report	Report	Report		Report	Weekly	24-hour FPC	PPI-2	
NO ₂ +NO ₃ , Total as N	Note A	Report	Report	Report		Report	Weekly	24-hour FPC	PPI-2	
Total Residual Chlorine (Internal Sampling Point for Disinfection)	mg/L	Max/Min				Report	Continuous	TRC Meter and 24 hour Recording Chart	PPI-2	See Cond. I. A. 9 and 15.
Total Recoverable Copper	Note C	Maximum		Report		2.9	Monthly	24-hour FPC	PPI-1 and PPI-2	See Cond. I. A. 19.
Total Recoverable Cyanide	Note C	Maximum		Report		1.0	Monthly	Grab	PPI-1 and PPI-2	See Cond. I. A. 19.
Total Recoverable Mercury	Note C	Maximum		Report		Report	Monthly	24-hour FPC	PPI-1 and PPI-2	See Cond. I. A. 19.
Total Recoverable Silver	Note C	Maximum		Report		2.3	Monthly	24-hour FPC	PPI-1 and PPI-2	See Cond. I. A. 19.
96-hr Acute Static Renewal Menidia beryllina	% effluent	Minimum				LC 50 >30.0 %	Annual	Four Grab Samples Over a 24 hour Day	EFF-1	See Cond. I. A. 8
96-hr Acute Static Renewal- Mysisidopsis bahia	% effluent	Minimum				LC 50 >30.0 %	Annual	Four Grab Samples Over a 24 hour Day	EFF-1	See Cond. I. A. 8

Note A: mg/L as N (Annual Average, Monthly Average and Single Sample) and lbs. per day (Annual Average And Monthly Average)

Note B: mg/L as P (Annual Average, Monthly Average and Single Sample) and lbs. per day (Annual Average And Monthly Average)

Note C: µg/L for Total Recoverable Metals (Monthly Average and Single Sample) and lbs. per day (Monthly Average)

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Hollywood, FL

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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
PPI-1	Located within the Chlorine Contact Facility prior to the Effluent Pump Station Wet Well and any other permitted discharges to the outfall
PPI-2	On the outfall near the Effluent Pump Station (old flow meter location)
PPI-3	On the outfall near the Effluent Pump Station (new flow meter location)
PPI-4	The industrial wastewater flows from the City of Hollywood's water plant permitted under a separate DEP Industrial Wastewater Permit
PPI-5	Calculated flow based on PPI-3 less the Industrial wastewater from the water plant PPI-4
EFF-1	On the outfall main at Holland Park

3. Recording flow meters with totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
4. The basic disinfection limits apply after the minimum chlorine contact detention period. The compliance point is unable to be monitored, since the outfall main is utilized for the basic disinfection detention time. The internal sampling point will be monitored. The Permittee shall allow 15 minutes holding time before dechlorination of the sample. This protocol shall be used until after the TRC study is completed with a permit revision to implement the recommendations of the study. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of effluent sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of effluent each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-600.440(4)(c)] [62-4.070 (1) & (3)], and [62-4.244 (3) (c)]
5. The maximum TRC concentration for chronic toxicity at the end of the mixing zone is limited to 0.01 mg/L. A temporary mixing zone for TRC of 60 meters squared (M^2) is granted. The mixing zone is circular with a radius of 3.4 meters at the water surface centered 10.6 meters from the outfall terminus. [62-4.244]
6. The minimum TRC limit for basic disinfection is 0.5 mg/L and applies after the chlorine contact detention period. This compliance point is unable to be monitored, since the outfall main is utilized for the disinfection detention time. The internal sampling point will be monitored. The internal sampling point limit is report only until after the TRC decay study is completed with a permit revision to implement the recommendations of the study that establishes an equivalent limit for the internal sampling point. [62-4.070 (1) & (3)], and [62-4.244 (3) (c)]

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7. In predominantly marine waters, the minimum dissolved oxygen (DO) concentration shall not average less than 5.0 mg/L in a 24-hour period and shall never be less than 4.0 mg/L. The Department has evaluated and determined that the effluent will comply with the requirements in F.A.C. 62-4.244 (3)(c) that the DO concentration will be above 1.5 mg/L within 20 feet of the outfall structure and due to rapid dilution caused by the single port outfall the effluent achieves a minimum of 20:1 dilution prior to reaching the water surface. The DO concentration will comply with the above mentioned marine water quality standards prior to the effluent reaching the ocean surface and prior to the effluent being diluted with back ground ocean water at 20:1. This evaluation was based on an effluent at the discharge point having no DO. Therefore, there is no minimum DO requirement for the discharge D001. The Permittee shall monitor DO daily with report only. [62-302.560(13)], [62-4.070 (1) & (3)], and [62-4.244 (3) (c)]

8. Whole effluent toxicity testing

The Permittee shall initiate the series of tests described below beginning on the first day of the next month following issuance date of this permit to evaluate whole effluent toxicity of the discharge through Outfall D001. All test species, procedures and quality assurance criteria used shall be in accordance with Methods for Measuring Acute Toxicity of Effluents to Freshwater and Marine Organisms, EPA/600/4-90/027F, or the most current edition. A standard reference toxicant quality assurance acute toxicity test shall be conducted concurrently with each species used in the toxicity tests or no greater than thirty days prior to the test date and the results submitted with the discharge monitoring report (DMR). Any deviation from the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use.

- a. The Permittee shall conduct 96-hour acute definitive, static renewal toxicity tests using the mysid shrimp, *Mysidopsis bahia*, and the inland silverside, *Menidia beryllina*. All tests will be conducted on four separate grab samples collected at evenly-spaced (6-hr) intervals over a 24-hour period and used in four separate tests in order to catch any peaks of toxicity and to account for daily variations in effluent quality. The test series shall include five test dilutions and a control as described in 'e' below.
- b. All tests shall be run at a salinity between 20-25 ppt. For the mysid shrimp, *Mysidopsis bahia*, and the inland silverside, *Menidia beryllina*, the 100 percent effluent concentration shall be adjusted by the use of artificial sea salt as described in EPA/600/4-90/027F Section 7 or the most current edition. All dilutions and control shall be adjusted to 20-25 ppt using a sea water brine solution.
- c. If control mortality exceeds 10% for either species in any test, the test(s) for that species (including the control) shall be repeated. A test will be considered valid only if control mortality does not exceed 10% for either species. If, in any 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 sample demonstrates unacceptable acute toxicity.
- d. The toxicity tests specified above shall be conducted annually.

Results from "routine" tests shall be reported according to EPA/600/4-90/027F, Section 13, Report Preparation (or the most current edition), and shall be submitted to:

Florida Department of Environmental Protection
Southeast District Office
P.O. Box 15425
West Palm Beach, FL 33416
Attention: Domestic Waste Section

- e. All "routine" tests shall be conducted using a control (0% effluent) and the following test concentrations: 100%, 50%, 30%, 12.5%, and 6.25% concentration of final effluent.

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Hollywood, FL

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- f. An LC50 of less than 30% effluent in any "routine" or any additional definitive test will constitute a violation of these permit conditions and Rule 62-4.244(3)(b), F.A.C.
 - g. If an LC50 of less than 30% effluent in a "routine" test, or if mortalities of greater than 50% in the 30% effluent concentration occurs, the Permittee shall conduct two additional tests on each species indicating acute toxicity. The two additional definitive tests will be run on a single grab sample collected on the day and time when the greatest toxicity was identified in the "routine" test.
 - h. Each additional test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 50%, 30%, 12.5% and 6.25% effluent and a control (0% effluent). The dilution series may be modified in the second test to more accurately identify the toxicity, such that at least two dilutions above and two dilutions below the target toxicity and a control (0% effluent) are run.
 - i. For each additional test, the sample collection requirements and the test acceptability criteria specified in section a. above must be met for the test to be considered valid. The first test shall begin within two weeks of the end of the "routine" tests, and shall be conducted weekly thereafter until *two* additional, valid tests are completed. The additional tests will be used to determine if the toxicity found in the "routine" test is still present.
 - j. Results from additional tests, required due to acute toxicity violation in the "routine" tests, shall be submitted in a single report prepared according to EPA/600/4-90/027F, Section 12 (or the most current edition) and submitted within 45 days of completion of the second additional, valid test. Upon completion of the additional tests, the Permittee will meet with the Department within 30 days of the report submittal to identify corrective actions necessary to remedy the acute toxicity violation or justify returning to routine testing. The report may recommend more frequent sampling if results are not conclusive. [62-4.070 (1) & (3)]
9. Hourly measurement of total residual chlorine (TRC) for disinfection (ocean discharge) during equipment malfunctions may be substituted for continuous measurements. [Chapter 62-601, Figure 2, Footnotes 1 and 2]
 10. The fecal coliform grab samples shall be taken during the daily peak hydraulic conditions as practical. [62-4.244]
 11. Temporary mixing zones of the combined effluent for iron, gross alpha activity and combined radium that were granted under Industrial Wastewater Permit Number FL0038539 and have been made part of this permit by reference. Monitoring and compliance are covered in the above mentioned permit. [62-4.244]
 12. After completion of the Deep Injection Well system U001, the annual average effluent CBOD₅ and TSS concentrations shall be limited to 20.0 mg/L instead of the 85 percent removal requirement. [62-4.244]
 13. The Permittee shall be responsible for assuring that proper notification of any bypass of the authorized discharge methods (D001, R001, and U001), which includes the collection systems which generate the wastewater that is planned to be disposed of after proper treatment at the authorized discharge methods (D001, R001, and U001). This includes the service areas of other governmental entities (Bulk Customers). The proper notification is contained in Section IX. 20. of this permit. [62-4.070 (1) & (3)]

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14. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantification limits), which is titled "Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" dated June 21, 1996, is available from the Department on request. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

- a) The laboratory's reported MDL and PQL values for the particular method must be equal to or less than the corresponding method values specified in the Department's approved MDL and PQL list;
- b) The laboratory reported PQL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide a PQL, which is equal to or less than the applicable water quality criteria stated in 62-302 FAC; and
- c) If the PQLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated PQL shall be used.

Where the analytical results are below method detection or practical quantification limits, the Permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. However, where necessary, the Permittee may request approval for alternative methods or for alternative MDLs and PQLs for any approved analytical method, in accordance with the criteria of Rules 62-160.520 and 62-160.530, F.A.C. [62-4.246][62-160.520 and .530]

15. The plant computer system may be used in place of a 24-hour recording chart. The computer must be able to print a 24-hour time graph. Each day the computer must print a 24-hour time graph for each continuous meter system. The Permittee must retain the 24-hour time graph for a period of three years. [62-4.070 (1) & (3)]
16. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2, Footnotes 1 and 2]
17. The acute toxicity limit for TRC at the end of the pipe is a maximum concentration of 0.1 mg/L. An internal sampling point with correlation by a TRC decay factor will be developed. The sampling point EFF-1 on the outfall main at Holland Park will be report only until the requirements in the Consent Order Amendment establishes the compliance internal sampling point with equivalent limits. [62-4.070 (1) & (3)]
18. The flow reading at DOO1 includes domestic and industrial flows. The calculated domestic flows are limited to 46.3 mgd AADF. [62-4.070 (1) & (3)]
19. Compliance sampling for Total Recoverable Copper, Total Recoverable Cyanide and Total Recoverable Silver shall included in sampling points (PPI-1 and PPI-2). When both sampling points exceed specific permit limits for these parameters when sampled during the same sampling period, this

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will constitute a violation of this permit. If either sampling point exceeds these permit limits and the other sampling point was not sampled during the same sampling period, this will constitute a violation of this permit.

20. The Permittee shall retain the daily flow charts for all flowmeters covered in this permit for a period of three years. [62-4.070 (1) & (3).

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B. Underground Injection Control Systems

1. During the period beginning upon placing the new injection wells into operation and lasting through the expiration date of this permit, the Permittee is authorized to discharge effluent to Underground Injection Well Facility U001 located at Hollywood's Wastewater Treatment Plant Site. Such discharge shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Effluent Limitations				Monitoring Requirements			Notes
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	
pH	std. units	Range				6.0 to 8.5	Continuous	pH Meter and 24 hour recording chart	EFF-2	See Cond. I A. 15 and 16
Total Suspended Solids	mg/L	Maximum	20.0	30.0	45.0	60.0	Daily	24-hour FPC	EFF-2	
Flow (DW-1)	mgd	Maximum	Report	Report			Continuous	Flow Meter totalizer and 24 hour recording chart	EFF-3	See Cond. I. A. 3, A. 15, A. 20 and B. 4
Flow (DW-2)	mgd	Maximum	Report	Report			Continuous	Flow Meter totalizer and 24 hour recording chart	EFF-4	See Cond. I. A. 3, A. 15, A. 20 and B. 4
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Daily	24-hour FPC	EFF-2	

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2. Effluent 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
EFF-2	Located at the Deep Injection Well Pump Station
EFF-3	Located just prior to the Deep Injection Well IW-1
EFF-4	Located just prior to the Deep Injection Well IW-2

3. Disinfection is not required for discharge to Class G-IV waters using Class I injection wells. However, the Permittee must maintain the capability for disinfection at a level that is consistent with the alternate disposal mechanism approved for this facility pursuant to Rule 62-600.540(5), F.A.C. [62-600.540(1)]
4. The flows to injection wells IW-1 and IW-2 (U001) shall not exceed the permitted capacity contained in the respective permits by the Department's Underground Injection Control Section. The estimated flows shall be approximately 18.6 mgd for each well. [62-4.070 (1) & (3)]

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C. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to land apply reclaimed water to Reuse System R001. Such reuse shall be limited and monitored by the Permittee as specified below:

Parameter	Units	Max/Min	Reclaimed Water Limitations				Monitoring Requirements			Notes
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	
Flow	mgd	Maximum	Report	Report			Continuous	Flow Meter totalizer and 24 hour recording chart	EFF-5	See Con A. 15, A. 16, C. 3 and C. 4
Total Suspended Solids	mg/L	Maximum				5.0	Daily	Grab	EFA-1	See Cond. I. C. 7
Fecal Coliform Bacteria			See Permit Condition I. C. 5.				Daily	Grab	EFA-1	See Cond. I. C. 5 and 7
Giardia	cysts/100 L	Maximum				Report	Once every two years	Grab	EFA-1	
Cryptosporidium	cysts/100 L	Maximum				Report	Once every two years	Grab	EFA-1	
pH	std. units	Range				6.0 to 8.5	Continuous	pH Meter and 24 hour recording chart	EFA-1	See Cond. I. A. 15 and 16
Total Residual Chlorine (For Disinfection)	mg/L	Minimum				1.0	Continuous	TRC Meter and 24 hour recording chart	EFA-1	See Cond. I. A. 15 and 16
Turbidity	NTU	Maximum	See Permit Condition I. C. 7.				Continuous	Turbidity Meter and 24 hour recording chart	EFA-1	See Cond. A. 15 and C. 7

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2. Reclaimed Water 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
EFA-1	After High Level Disinfection
EFF 5	Off site irrigation flows after reuse storage tank

3. The flows to land application system R001 shall not exceed the demand for reclaimed water irrigation at the golf courses and other approved permitted reuse sites. [62-4.070 (1) & (3)]
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Over a 30 day period, 75 percent of the fecal coliform values (the 75th percentile value) shall be below the detection limits. Any one sample shall not exceed 25 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 5.0 milligrams per liter of total suspended solids (TSS) at a point before application of the disinfectant. Note: To report the 75th percentile value, list the fecal coliform values obtained during that month in ascending order. Report the value of the sample that corresponds to the 75th percentile (multiply the number of samples by 0.75). For example, for 30 samples, report the corresponding fecal coliform value for the 23rd value of ascending order. [62-600.440(5)(f)]
6. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. [62-600.440(5)(b) and (6)(b)]
7. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. [62-610.463]
8. The Permittee shall submit an annual updated operating protocol by April 1 of each year that will recheck the various set points in the operating protocol. The Monthly DMR's shall include the respective daily TSS readings and the particular turbidity reading at the time the sample was taken. No reduction in TRC set point and/or an increase in the turbidity set point are allowed without the Department's written approval. If in the update, there are recommendations for an increase in the TRC set point and/or a reduction in turbidity set point, the Permittee shall implement the change when the update is submitted. [62-4.244] [62-4.070 (1) & (3)]
9. The annual updated operating protocol shall include an assessment of the effectiveness of the cross-connection control program and provide a schedule for recommended improvements. The schedule shall be an enforceable part of this permit. [62-4.244] [62-4.070 (1) & (3)]
10. The reuse system is limited to Part III reuse systems at golf courses. Prior to placing any other usages into service, the Permittee shall submit an updated operating protocol, an updated O & M Manual, and an updated cross-connection control program to cover these additional usages that are allowed by the permit. [62-4.070 (1) & (3)]
11. The reporting on the DMR should not include periods when the reuse system is being diverted to alternative disposal methods. [62-4.070 (1) & (3)]
12. The maximum time delay before diversion to alternative disposal methods when an exceedance in Turbidity above the set point shall be less than 30 seconds. [62-4.070 (1) & (3)]

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D. Other Limitations and Monitoring and Reporting Requirements

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

Limitations				Monitoring Requirements			Notes
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	
Total Suspended Solids	mg/L	Report					See Cond. D. 5 and
Flow	mgd	Maximum	42.0				See Cond. I. A. 20, D. 3, D. 4 and D. 14
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Report					See Cond. I. D. 5 and 13
Percent Capacity, (TMADF/Permitted Capacity) x 100	%	Maximum		Report (Mo. Total)			

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

Monitoring Location Site Number	Description of Monitoring Location
PPI-6	Flow into oxygenation tank number 1
PPI-7	Flow into oxygenation tank number 2
PPI-8	Flow into oxygenation tank number 3
PPI-9	Flow into oxygenation tank number 4
PPI-10	Flow meter near Town of Davie WWTF to measure effluent from their plant to the City of Hollywood's Effluent Pump Station Wet Well
PPI-11	Flow meter near City of Cooper City WWTF to measure effluent from their plant to the City of Hollywood's Effluent Pump Station Wet Well
INF-1	At Headworks
INF-2	Calculated influent flow rates

3. After all Phase One expansion projects are completed and certified complete with authorization by the Department to place into service, the AADF to the treatment plant shall not exceed 45.0 mgd. After all Phase Two expansion projects are completed and certified complete with authorization by the Department to place into service, the AADF to the treatment plant shall not exceed 50.0 mgd.
4. Recording flow meters and totalizers (including the flow meters used to calculate the influent flows for the 24 hour flow proportionate composite sampling) shall be utilized to measure flows and calibrated at least annually. [62-601.200(17) and .500(6)]
5. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludges, or any other plant process recycled waters. [62-601.500(4)]
6. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (ie., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
7. The Permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples that are required by this permit. [62-601.500(5)]
8. During the period of operation authorized by this permit, the Permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The Permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

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

and a copy to the Department's Southeast District Office at the address specified below:

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Florida Department of Environmental Protection
Southeast District Office
P.O. Box 15425
400 N. Congress Avenue
West Palm, Florida 33416

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

9. Intervals between sampling for Giardia and Cryptosporidium shall not exceed two years. Sampling results shall be reported on DEP Form 62-610.300(4)(a)4 to the Department's Southeast District Office and to DEP's Reuse Coordinator in Tallahassee. The analytical methods used shall be included when reporting this data. [62-610.463(4)]
10. 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 62-601.900(4), or in another format if requested by the Permittee and if approved by the Department as being compatible with data entry into the Department's computer system. The annual reclaimed water or effluent analysis report shall be completed and submitted in a timely manner so as to be received by the Department's Southeast District Office by December 31 of each year. *[62-601.300(4)][62-601.500(3)]*
11. Unless specified otherwise in this permit, all reports and notifications 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
P.O. Box 15425
West Palm, Florida 33416

Phone Number - (561) 681-6600
FAX Number - (561) 581-6760 All FAX copies shall be followed by original copies.
12. Laboratory certification by Department of Health covered in Section IX 18. d. may be replaced by another certification agency that is approved by the Department. *[62-4.070 (1) & (3)]*
13. For influent flow values to be used for the Flow Proportioned Composite (FPC) on influent sampling, the Permittee shall use the sum of the meter readings from the influent flow meters to the individual aeration basins (PPI-6, PPI-7, PPI-8 and PPI-9) less the estimated average daily in-plant waste flows to the influent pump station (700 gpm). *[62-4.070 (1) & (3)]*
14. The calculated influent flows INF-2 shall be the sum of the flows measured by meters (PPI-5, EFF-3, EFF-4 and EFF-5) less the flows measured by meters (PPI-10 and PPI-11). *([62-4.070 (1) & (3)]*

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II. RESIDUALS MANAGEMENT REQUIREMENTS

Basic Management Requirements

1. The method of residuals use or disposal by this facility is land application, disposal in a Class I or II solid waste landfill or transportation to Nutri-Cycle Inc. in Arcadia, Florida and/or another DEP permitted residuals management facility, for final stabilization and disposal.
2. The Permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The domestic wastewater residuals for this facility are classified as Class B when treated prior to land application. Lime stabilization may be used to provide Class B Stabilization. The lime stabilization process shall comply with the standards in F.A.C. 62-640 dated 3/30/98 and shall provide additional stabilization if needed to assure vector attraction compliance is met at the land application sites.
4. 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)]
5. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3&4]
6. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, F.A.C. [62-640]
7. The Permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in sections:

503.32(b)(2) ("Alternative 1" - Monitoring of Indicator Organisms);

503.32(b)(3) ("Alternative 2" - Use of PSRP); and/or

503.32(b)(4) ("Alternative 3" - Use of Processes Equivalent to PSRP);

of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(1)(b)]

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8. The Permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in sections:

503.33(b)(6) ("Option 6" - Add alkaline materials to raise the pH under specified conditions);

of Title 40 CFR Part 503, revised as of October 25, 1995.

9. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(8)]
10. The Permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every 3 months. The following parameters shall be sampled and analyzed:

Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Arsenic	75 mg/kg dry weight	36.6 pounds/acre
Cadmium	85 mg/kg dry weight	34.8 pounds /acre
Copper	4300 mg/kg dry weight	1340 pounds/acre
Lead	840 mg/kg dry weight	268 pounds/acre
Mercury	57 mg/kg dry weight	15.2 pounds/acre
Molybdenum	75 mg/kg dry weight	Not applicable
Nickel	420 mg/kg dry weight	375 pounds/acre
Selenium	100 mg/kg dry weight	89.3 pounds/acre
Zinc	7500 mg/kg dry weight	2500 pounds/acre
pH	(Report only) standard units	Not applicable
Total Solids	(Report only) %	Not applicable

(62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3))

11. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. (62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3))

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12. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. [62-640.650(1)(e)]
13. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. [62-640.650(1)(f)]
14. The Permittee shall submit the results of all residuals monitoring with the Permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. Copies of all applicable analytical reports shall be submitted with the monitoring results. [62-640.650(3)(a)&(e)]
15. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. [62-640.600(3)(b)]
16. Plant nursery use of Class B residuals is limited to plants that will not be sold to the public for 12 months after the last application of residuals. [62-640.600(3)(b)1.]
17. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. [62-640.600(3)(b)2.]
18. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. [62-640.600(3)(b)3.]
19. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. [62-640.600(3)(b)4.]
20. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. [62-640.600(3)(b)5.]
21. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. [62-640.600(3)(b)6.]
22. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. [62-640.600(3)(b)7.]
23. Sod that will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. [62-640.600(3)(b)8.]
24. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. [62-640.600(3)(b)]
25. 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)]

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26. Current Agricultural Use Plan(s) identify residuals landspreading on the following sites:

Site Name	Application Area (Acres)	Site Location	
		City	County
A Duda & Sons	2100	Clewiston	Hendry
V.C. Ranch East	1155	Arcadia	Desoto
Finally Ranch	100	Moore Haven	Hendry
Allapattah Ranch "B"	800	Indiantown	Martin

The wastewater treatment facility Permittee shall apply for a minor permit revision on DEP Form 62-620.910(9) for new, modified, or expanded residuals land application sites. The facility's permit shall be revised to include the new or revised Agricultural Use Plan(s) prior to application of residuals to the new, modified, or expanded sites, unless all of the following conditions are met:

- The Permittee notifies the Department within 24 hours that the site is being used;
- 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.;
- 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;
- 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,
- The Permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the Permittee's control.

[62-640.300(2)&(3)]

- Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. [62-640.750(2)]
- Residuals shall be applied with appropriate techniques and equipment to ensure uniform application over the application zone. [62-640.700(2)(c)]
- The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. [62-640.700(2)(d)]
- 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)]
- Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. [62-640.700(2)(f)]

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32. 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)]
33. The Permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The Permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years::
- a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the Permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone. 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)]
34. The Permittee shall submit an annual summary of residuals application activity to the District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones.
[62-640.650(3)(b)]
35. 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)]
36. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. [62-640.700(6)(a)]
37. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. [62-640.700(7)(a)]
38. 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)]
39. 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)]
40. The Permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]

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41. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
42. 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)]
43. The Permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

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

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

III. GROUND WATER MONITORING REQUIREMENTS

1. For the Part III Public Access system, all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge shall extend horizontally 100 feet from the application site or to user's site property line, whichever is less, and to the base of the surficial aquifer. [62-520.200(23)] [62-522.400 and 62-522.410]
2. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
3. During the period of operation authorized by this permit, the Permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. [62-522.600][62-610.463]
4. Ground water monitoring for U-001 shall be in accordance with permit number(s) UC 06-231736, and UC 06-255238.

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5. The following monitoring wells shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.6. for Reuse System R-001. Quarterly sampling must be reasonably spaced to be representative of potentially changing conditions.

Emerald Hills Country Club

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-1	(former MW-3: southeast corner of irrigation area downstream of the storage pond)	as built	Surficial	existing

MWB = Background; MWI = Intermediate; MWC = Compliance

Hillcrest Country Club

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-2	(former MW-3: 300 feet south of the northwest corner of irrigated area)	as built	Surficial	existing

MWB = Background; MWI = Intermediate; MWC = Compliance

Orange Brook Golf Club

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-3	(former MW-3 northeast corner of the irrigation area, just North of Pembroke Road)	as built	Surficial	existing

MWB = Background; MWI = Intermediate; MWC = Compliance

[62-522.600]][62-610.463]

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Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to NGVD	Report	feet	In-situ	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/l	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/l	Grab	Quarterly
Chloride (as Cl)	250	mg/l	Grab	Quarterly
Coliform, Fecal	4	#/100ml	Grab	Quarterly
pH	6.0 to 8.5	s.u.	In-situ	Quarterly
Sulfate, Total	250	mg/l	Grab	Quarterly
Turbidity	Report	ntu	Grab	Quarterly
Nitrogen, Total	Report	mg/l	Grab	Quarterly
Phosphorus, Total (as P)	Report	mg/l	Grab	Quarterly

[62-522.600(11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601] [62-601.300(6)] [62-601.300(7)] [62-520.300(9)]

6. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.463(3)(a)]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Southeast District Office as being more representative of ground water conditions. [62-520.300(9)]
10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). For reuse or land application projects, results shall be submitted with the DMR for each month listed in the following schedule. The submitted results shall be for each year during the period of operation allowed by this permit in accordance with Permit Condition I.D.10. [62-522.600(10) and (11)(b)] [62-601.300(3), 62-601.700, and Figure 3 of 62-601] [62-620.610(18)]

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

13. If any monitoring well becomes damaged or cannot be sampled for some reason, the Permittee shall notify the Department's Southeast District Office immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or

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replacement of monitoring wells shall be approved in advance by the Department's Southeast District Office. [62-522.600][62-4.070(3)]

14. 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 7 days of the sinkhole discovery. [62-4.070(3)]
15. All piezometers and wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless there is intent for their future use. [62-522.500(4)]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general service area bounded by Atlantic Ocean to the East, Stirling Road to the North, 56 Avenue to the West, and Dade County to the South. The following uses of reclaimed water are authorized within this general service area: Golf Course Irrigation. The following uses of reclaimed water are conditionally authorized within this general service area (subject to Specific Condition I. C. 10.: Grass Area Irrigation, Parks and recreation sites. [62-620.630(10)(d)]
2. This reuse system includes the following major users (i.e., using 0.1 mgd or more of reclaimed water):

User Name	User Type	Capacity (mgd)	Acreage
Diplomat Country Club	Golf Courses	0.446	115.4
Eco Grande Golf Course	Golf Courses	0.109	753
Hollywood Country Club	Golf Courses	0.213	753
Hillcrest Country Club	Golf Courses	0.582	150.6
Emerald Hills Country Club	Golf Courses	0.671	173.7
Orangebrook Country Club	Golf Courses	0.888	229.8

[62-610.820(1)]

This reuse system includes the following future major users (i.e., using 0.1 mgd or more of reclaimed water):

User Name	User Type	Capacity (mgd)	Acreage
Sunset Golf Course	Golf Courses	0.008	N/A
West Lake Village	Grass Areas	0.089	N/A
Three Island Park/Avatar	Grass Areas	0.583	N/A
Dowdy Field	Grass Areas	0.027	N/A
Boggs Field	Grass Areas	0.041	N/A
Lincoln Field	Grass Areas	0.01	N/A
Rotary Park	Grass Areas	0.035	N/A
South Park Road Median	Grass Areas	0.014	N/A
T.Y. Park	Grass Areas	0.272	N/A
North Park Road Median	Grass Areas	0.012	N/A

[62-610.820(1)]

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4. New major users of reclaimed water (i.e., using 0.1 mgd or more) or reuse distribution main (4-inches diameter and larger) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610 300(4)(a)1. [62-610.890]
5. The treatment facilities shall be operated in accordance with the approved operating protocol. Only reclaimed water that meets the criteria established in the approved operating protocol may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol shall be directed to the plant influent for subsequent additional treatment. The operating protocol shall be reviewed and updated periodically (at least once each year) to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Southeast District Office for review and approval by April 1 of each year covering the previous calendar year. [62-610.320(6) and 62-610.463(2)]
6. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
7. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. [62-610.469(7)]
8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 552C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. [62-610.469(7)]
9. In constructing reclaimed water distribution piping, the Permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. [62-610.471(3)]
10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. [62-610.471(1), (2), (5), and (7)]
11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. [62-610.469(4)]
12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. [62-610.471(6)]
13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. [62-610.471(8)]
14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. [62-610.468(2)]
15. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414 and 62-610.464]

16. Overflows from emergency discharge facilities on storage ponds shall be reported to the Southeast District Office and Broward County Department of Planning and Environmental Protection within 24 hours of an occurrence. The provisions of Rule 62-610.880, F.A.C., shall be met. *[62-610.800(9)]*
17. If a cross-connection between the potable and reclaimed water systems is discovered, the Permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area.
 - b. If the potable water system is contaminated, the lines must be cleared.
 - c. Eliminate the cross-connection.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the DEP district office's domestic wastewater and drinking water programs and the drinking water program in the approved county health department.
 - f. Within 5 days of discovery of a cross-connection, submit a written report to the DEP district office detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur.*[62-555.350(3), 62-555.360, 62-620.610(20)]*
18. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. *[62-610.468, 62-610.469]*
19. The Permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. *[62-610.468(6)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In

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accordance with Chapter 62-699, F.A.C., this facility is a Category III, 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. [62-699] [62-620.630(3)] [62-699.310] [62-610.462(2)]

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)]

Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

3. An updated capacity analysis report shall be submitted to the Department annually by April 1 of each year. The updated capacity analysis report shall be prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]

Recordkeeping Requirements

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

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the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. COMPLIANCE SCHEDULES AND SELF/IMPOSED IMPROVEMENT SCHEDULES

1. A compliance schedule for this facility is included in Consent Order No. OGC File Number 96-1832- which is hereby incorporated by reference. [62-620.450(3)(a)], [62-4.244]
2. The following construction schedule for the facilities shall be followed, unless notification of a schedule revision is provided and acceptable to the Department:

Construction Projects		Completion Date
1	Influent Pump Station Upgrade, Clarifier No. 7 & RAS upgrade, and Effluent Flowmeter Replacement Phase One (1)	December 2002
2	RAS upgrade, Pure Oxygen Train Rehab Oxygen Train 1 and 2, Clarifiers 1 through 4 influent upgrade and mechanical replacement Phase Two (2)	July 2006
3	Oxygen Generation Upgrade Phase (2)	July 2006
4	Clarifier No. 8 and Pure Oxygen Train 5 Phase (2)	July 2006

[62-620.450(3)(a)]

3. Prior to construction of the temporary bypass main, the Permittee shall submit plans (sketch) for the energy-dissipating system. The plans shall provide a smooth impervious surface until after all underground utilities has been passed. After the smooth surface, the plans shall include an energy-dissipating system to allow a smooth transition to the adjacent stormwater ditch. After acceptance of the plans by the Department, the Permittee may construct the temporary bypass main. [62-4.244]
4. Prior to construction of the projects numbers 2, 3 and 4, the Permittee shall submit plans for the proposed construction at least 90 days before the award of the construction contract by the utility. Construction can not start on these projects until the Department accepts the plans in writing as consistent with the Department rules and regulations. [62-4.244]
5. Phase two (2) includes two 24-inch deep injection well and deep injection well pump station that is permitted separately by the Department's Underground Injection Control Section. [62-4.070 (1) & (3)]
6. The permitted capacity is subject to the Permittee verifying that the influent flow peaking factor for the facility is at or below 2.2 subject to adjustments for AADF less than 50.0 mgd. [62-4.070 (1) & (3)]
7. The project is located in an area that has been designated as a water resource caution area by the South Florida Water Management District. The Permittee shall submit an updated reuse feasibility study as set

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forth in Rule 62-610.820, F.A.C. within 180 days of issuance of this permit and with the application for renewal. [62-4.070 (1) & (3)] [Section 403.064, F.S.]

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]
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]
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.; and
 - b. Implementing the programmatic functions as required under Rule 62-625.500(2)(b), F.A.C.; and
 - 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.[62-625.400 and .500]
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.

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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 nonpriority 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)]

VIII. OTHER SPECIFIC CONDITIONS

1. The modified portions of the existing treatment system may be placed in service only as necessary to keep the wastewater treatment plant in operation without written approval from the Department. After each facility is completed, the Permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities. [62-620.630(2)]
2. Within six months after any new or modified facility is placed in operation, the Permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.630(7)]
3. If the Permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the Permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. [62-620.410(5)]
4. 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) and 62-302.500(2)(e)][62-640.700(3)(c)]
5. 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. [62-600.410(8)]
6. 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. [62-604.130(3)]
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition I. A. 14 and IX. 20. [62-604.550] [62-620.610(20)]
8. 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):

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- a. Which may cause fire or explosion hazards; or
- b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
- c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
- d. Which result in treatment plant discharges having temperatures above 40°C.

[62-604.130(4)]

9. The treatment facilities 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)]
10. 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)]

IX. GENERAL CONDITIONS

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

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

PERMITTEE: City of Hollyw.
Mr. Whit Van Coot
Hollywood, FL

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13. The Permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The Permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]
16. The Permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.300 for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The Permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The Permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
 - b. If the Permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Any laboratory test required by this permit for domestic wastewater facilities shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E1, F.A.C., to perform the test. On-site tests for dissolved oxygen, pH, and total chlorine residual shall be performed by a laboratory certified to test for those parameters or under the direction of an operator certified under Chapter 61E12-41, F.A.C.
 - e. Under Chapter 62-160, F.A.C., sample collection shall be performed by following the protocols outlined in "DER Standard Operating Procedures for Laboratory Operations and Sample Collection Activities" (DER-QA-001/92). Alternatively, sample collection may be performed by an

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Mr. Whit Van Coot
Hollywood, FL

PERMIT NUM R: FL0026255
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organization who has an approved Comprehensive Quality Assurance Plan (CompQAP) on file with the Department. The CompQAP shall be approved for collection of samples from the required matrices and for the required tests. [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The Permittee shall report to the Department'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 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. The Permittee shall report all unauthorized releases or spills of untreated or treated wastewater in excess of 1,000 gallons per incident, or where public health or the environment may be endangered, to the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the Permittee becomes aware of the discharge. The Permittee, to the extent known, shall provide the following information to the State Warning Point:
 1. Name, address, and telephone number of person reporting.
 2. Name, address, and telephone number of Permittee or responsible person for the discharge.
 3. Date and time of the discharge and status of discharge (ongoing or ceased).
 4. Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater).
 5. Estimated amount of the discharge.
 6. Location or address of the discharge.
 7. Source and cause of the discharge.
 8. Whether the discharge was contained on-site, and cleanup actions taken to date.
 9. Description of area affected by the discharge, including name of water body affected, if any.

PERMITTEE: City of Hollyv
Mr. Whit Van Cott
Hollywood, FL

PERMIT NUMBER: FL0026255
EXPIRATION DATE: MAY 07 2007
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10. Other persons or agencies contacted.
- c. For unauthorized releases or spills of 1,000 gallons or less, per incident, oral reports, or facsimiles when used in lieu thereof, shall be provided to the Department's Southeast District Office within 24 hours from the time the Permittee becomes aware of the discharge.
- d. 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. The written report, where required, shall be submitted to the Department's Southeast District Office
[62-620.610(20)]
21. The Permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. [62-620.610(21)]
22. Bypass Provisions.
- a. Bypass is prohibited, and the Department may take enforcement action against a Permittee for bypass, unless the Permittee affirmatively demonstrates that:
1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The Permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the Permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The Permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the Permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A Permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions

- a. A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:

PERMITTEE: City of Hollywood
Mr. Whit Van Court
Hollywood, FL

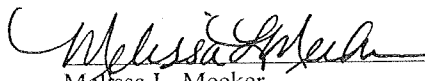
PERMIT NUMBER: FL0026255
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1. An upset occurred and that the Permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The Permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The Permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the Permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION


Melissa L. Meeker
Director of District Management
Southeast District

5/7/02
Date


MLM/LAH/TP/mw

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: City of Hollywood
 MAILING ADDRESS: P.O. Box 229045
 City of Hollywood
 HOLLYWOOD, FL 33022-9045
 FACILITY: Hollywood Southern Regional WWTF
 LOCATION: 1621 North 14th Avenue
 City of Hollywood
 HOLLYWOOD, FL 33019
 COUNTY: Broward

PERMIT NUMBER: FL0026255
 LIMIT: Interim
 CLASS SIZE: Major
 MONITORING GROUP NUMBER: D-001 and Influent
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: To:

REPORT: Monthly
 GROUP: Domestic

Parameter	Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 Y Mon.Site No. PPI-1	Permit Requirement		25.0 (An. Avg.)	mg/L		Daily	24-hour FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement						
PARM Code 80082 I Mon.Site No. PPI-1	Permit Requirement		25.0 (Mo. Avg.)	40.0 (Wk. Avg.)	60.0 (Max.)	Daily	24-hour FPC
Solids, Total Suspended	Sample Measurement						
PARM Code 00530 Y Mon.Site No. PPI-1	Permit Requirement		30.0 (An. Avg.)	mg/L		Daily	24-hour FPC
Solids, Total Suspended	Sample Measurement						
PARM Code 00530 I Mon.Site No. PPI-1	Permit Requirement		30.0 (Mo. Avg.)	45.0 (Wk. Avg.)	60.0 (Max.)	Daily	24-hour FPC
Flow, in conduit or thru treatment plant	Sample Measurement						
PARM Code 50050 Y Mon.Site No. PPI-5	Permit Requirement	54.0 (An. Avg.)		mgd		Calculated	Calculated
Flow, in conduit or thru treatment plant	Sample Measurement						
PARM Code 50050 P Mon.Site No. PPI-3	Permit Requirement	Report (An. Avg.)		mgd		Continuous	Flow meters

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF PERMIT NUMBER: FL0026255 MONITORING GROUP No.: D-001 and Influent
 MONITORING PERIOD From: To:

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, in conduit or thru treatment plant	Sample Measurement							
PARM Code 50050 Q Mon.Site No. PPI-4	Report (An. Avg.)	mgd					Continuous	Flow meters
Flow, in conduit or thru treatment plant	Sample Measurement							
PARM Code 50050 I Mon.Site No. PPI-3	Report (Mo. Avg.)	mgd					Continuous	Flow meters
Flow, in conduit or thru treatment plant	Sample Measurement							
PARM Code 50050 R Mon.Site No. PPI-4	Report (Mo. Avg.)	mgd					Continuous	Flow meter
Flow, in conduit or thru treatment plant	Sample Measurement							
PARM Code 50050 S Mon.Site No. PPI-5	Report (Mo. Avg.)	mgd					Calculated	Calculated
pH	Sample Measurement							
PARM Code 00400 I Mon.Site No. PPI-2	Permit Requirement		6.0 (Min.)	8.5 (Max.)	s.u.		Continuous	Meter
Coliform, Fecal (Internal Sampling Point)	Sample Measurement							
PARM Code 74055 Y Mon.Site No. PPI-2	Permit Requirement		200 (An. Avg.)		#/100ml		Daily	Grab
Coliform, Fecal (Internal Sampling Point)	Sample Measurement							
PARM Code 74055 I Mon.Site No. PPI-2	Permit Requirement		200 (Mo. Geo. Mean)	400 (90%)	#/100ml		Daily	Grab
Oxygen, Dissolved (DO)	Sample Measurement							
PARM Code 00300 I Mon.Site No. PPI-2	Permit Requirement		Report (Min.)		mg/L		Daily	Grab
Nitrogen, Total (as N)	Sample Measurement							
PARM Code 00600 Y Mon.Site No. PPI-2	Permit Requirement		Report (An. Avg.)		mg/L		Weekly	24-hour FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255
MONITORING PERIOD: From: _____ To: _____

D-001 and Influent

Parameter	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total (as N)	Sample Measurement									
PARM Code 00600 I Mon.Site No. PPI-2	Permit Requirement			Report (Mo. Avg.)	Report (Max.)		mg/L		Weekly	24-hour FPC
Nitrogen, Total (as N)	Sample Measurement									
PARM Code 00600 P Mon.Site No. PPI-2	Permit Requirement	Report (An. Avg.)	lbs/day						Weekly	24-hour FPC
Nitrogen, Total (as N)	Sample Measurement									
PARM Code 00600 Q Mon.Site No. PPI-2	Permit Requirement	Report (Mo. Avg.)	lbs/day						Weekly	24-hour F
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 Y Mon.Site No. PPI-2	Permit Requirement			Report (An. Avg.)			mg/L		Weekly	24-hour FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 I Mon.Site No. PPI-2	Permit Requirement			Report (Mo. Avg.)	Report (Max.)		mg/L		Weekly	24-hour FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 P Mon.Site No. PPI-2	Permit Requirement	Report (An. Avg.)	lbs/day						Weekly	24-hour FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 Q Mon.Site No. PPI-2	Permit Requirement	Report (Mo. Avg.)	lbs/day						Weekly	24-hour FPC
Nitrogen, Organic, Total (as N)	Sample Measurement									
PARM Code 00605 Y Mon.Site No. PPI-2	Permit Requirement			Report (An. Avg.)			mg/L		Weekly	24-hour f
Nitrogen, Organic, Total (as N)	Sample Measurement									
PARM Code 00605 I Mon.Site No. PPI-2	Permit Requirement			Report (Mo. Avg.)	Report (Max.)		mg/L		Weekly	24-hour FPC
Nitrogen, Organic, Total (as N)	Sample Measurement									
PARM Code 00605 P Mon.Site No. PPI-2	Permit Requirement	Report (An. Avg.)	lbs/day						Weekly	24-hour FPC
Nitrogen, Organic, Total (as N)	Sample Measurement									
PARM Code 00605 Q Mon.Site No. PPI-2	Permit Requirement	Report (Mo. Avg.)	lbs/day						Weekly	24-hour FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255
MONITORING PERIOD From: To

D-001 and Influent

MONITORING GROUP No.: To

Parameter	Quantity or Loading	Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrite plus Nitrate, Total (as N)	Sample Measurement							
PARM Code 00630 Y Mon.Site No. PPI-2	Permit Requirement		Report (An. Avg.)		mg/L		Weekly	24-hour FPC
Nitrite plus Nitrate, Total (as N)	Sample Measurement							
PARM Code 00630 I Mon.Site No. PPI-2	Permit Requirement		Report (Mo. Avg.)	Report (Max.)	mg/L		Weekly	24-hour FPC
Nitrite plus Nitrate, Total (as N)	Sample Measurement							
PARM Code 00630 P Mon.Site No. PPI-2	Permit Requirement	lbs/day					Weekly	24-hour FPC
Nitrite plus Nitrate, Total (as N)	Sample Measurement							
PARM Code 00630 Q Mon.Site No. PPI-2	Permit Requirement	lbs/day					Weekly	24-hour FPC
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 Y Mon.Site No. PPI-2	Permit Requirement		Report (An. Avg.)		mg/L		Weekly	24-hour FPC
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 I Mon.Site No. PPI-2	Permit Requirement		Report (Mo. Avg.)	Report (Max.)	mg/L		Weekly	24-hour FPC
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 P Mon.Site No. PPI-2	Permit Requirement	lbs/day					Weekly	24-hour FPC
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 Q Mon.Site No. PPI-2	Permit Requirement	lbs/day					Weekly	24-hour FPC
Chlorine, Total Residual	Sample Measurement							
PARM Code 50060 I Mon.Site No. PPI-2	Permit Requirement		Report (Min.)	1.5 (Max.)	mg/L		Continuous	Meter

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255
MONITORING PERIOD From: To

D-001 and Influent

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 Q Mon.Site No. PPI-1	Permit Requirement				Report (Mo. Avg.)	Report (See Permit) (Max.)		ug/l		Monthly	24-hour FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 R Mon.Site No. PPI-1	Permit Requirement			lbs/day						Monthly	24-hour FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 I Mon.Site No. PPI-2	Permit Requirement				Report (Mo. Avg.)	Report (See Permit) (Max.)		ug/L		Monthly	24-hour FPC
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon.Site No. PPI-2	Permit Requirement			lbs/day						Monthly	24-hour FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 Q Mon.Site No. PPI-1	Permit Requirement				Report (Mo. Avg.)	Report (See Permit) (Max.)		ug/l		Monthly	Grab
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 R Mon.Site No. PPI-1	Permit Requirement			lbs/day						Monthly	Grab
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 I Mon.Site No. PPI-2	Permit Requirement				Report (Mo. Avg.)	Report (See Permit) (Max.)		ug/L		Monthly	Grab
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 P Mon.Site No. PPI-2	Permit Requirement			lbs/day						Monthly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255
MONITORING PERIOD From: To

D-001 and Influent

Parameter	Quantity or Loading	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Max.)				
Mercury, Total Recoverable	Sample Measurement						
PARM Code 71901 Q Mon.Site No. PPI-1	Permit Requirement		Report (Max.)	ug/l		Monthly	24-hour FPC
Mercury, Total Recoverable	Sample Measurement						
PARM Code 71901 R Mon.Site No. PPI-1	Permit Requirement			lbs/day		Monthly	24-hour FPC
Mercury, Total Recoverable	Sample Measurement						
PARM Code 71901 I Mon.Site No. PPI-2	Permit Requirement		Report (Max.)	ug/L		Monthly	24-hour F.
Mercury, Total Recoverable	Sample Measurement						
PARM Code 71901 P Mon.Site No. PPI-2	Permit Requirement			lbs/day		Monthly	24-hour FPC
Silver, Total Recoverable	Sample Measurement						
PARM Code 01079 Q Mon.Site No. PPI-1	Permit Requirement		Report (See Permit) (Max.)	ug/l		Monthly	24-hour FPC
Silver, Total Recoverable	Sample Measurement						
PARM Code 01079 R Mon.Site No. PPI-1	Permit Requirement			lbs/day		Monthly	24-hour FPC
Silver, Total Recoverable	Sample Measurement						
PARM Code 01079 I Mon.Site No. PPI-2	Permit Requirement		Report (See Permit) (Max.)	ug/L		Monthly	24-hour FPC
Silver, Total Recoverable	Sample Measurement						
PARM Code 01079 P Mon.Site No. PPI-2	Permit Requirement			lbs/day		Monthly	24-hour FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF PERMIT NUMBER: FL0026255 MONITORING GROUP No.: D-001 and Influent
 MONITORING PERIOD From: To

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 G Mon. Site No. INF-2	Permit Requirement	42.0 (An. Avg.)		mgd						Daily	Calculated
Flow	Sample Measurement										
PARM Code 50050 T Mon. Site No. INF-2	Permit Requirement	Report (Mo. Avg.)	Report (3-Mo. Avg.)	mgd						Daily	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)			mg/L		Daily	24-hour F.
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement				Report (Mo. Avg.)			mg/L		Daily	24-hour FPC
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 K Mon. Site No. Calculated	Permit Requirement				Report (Mo. Total)			%		Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME:	City of Hollywood	PERMIT NUMBER:	FL0026255	REPORT:	Toxicity
MAILING ADDRESS:	City of Hollywood P.O. Box 229045 Hollywood, FL 33022-9045	LIMIT:	Final	GROUP:	Domestic
FACILITY:	Hollywood Southern Regional WWTF	CLASS SIZE:	Major		
LOCATION:	City of Hollywood 1621 North 14th Avenue Hollywood, FL 33019	MONITORING GROUP NUMBER:	D-001		
COUNTY:	Broward	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 96HOUR ACUTE MENIDIA (ROUTINE) PARM Code TAN-6B P Mon.Site No. EFF-1	Sample Measurement						
	Permit Requirement		30.0 Minimum	% effluent		Annual	four grab samples during a 24 hour day
LC50 STATRE 96HOUR ACUTE MYSID.BAHIA (ROUTINE) PARM Code TAN-3E P Mon.Site No. EFF-1	Sample Measurement						
	Permit Requirement		30.0 Minimum	% effluent		Annual	four grab samples during a 24 hour day
LC50 STATRE 96HOUR ACUTE MENIDIA (DEFINITIVE) PARM Code TAN-6B Q Mon.Site No. EFF-1	Sample Measurement						
	Permit Requirement		30.0 Minimum	% effluent		As required	four grab samples during a 24 hour day
LC50 STATRE 96HOUR ACUTE MYSID.BAHIA (DEFINITIVE) PARM Code TAN-3E Q Mon.Site No. EFF-1	Sample Measurement						
	Permit Requirement		30.0 Minimum	% effluent		As required	four grab samples during a 24 hour day
	Sample Measurement						
	Permit Requirement						

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

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

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 Facilities Management Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMIT NUMBER: FL0026255

REPORT: Monthly Domestic
GROUP: Final Major

PERMITTEE NAME: City of Hollywood
MAILING ADDRESS: City of Hollywood
P.O. Box 229045
Hollywood, FL 33022-9045
FACILITY: Hollywood Southern Regional WWTF
LOCATION: City of Hollywood
1621 North 14th Avenue
Hollywood, FL 33019
COUNTY: Broward

MONITORING GROUP NUMBER: R-001
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, in conduit or thru treatment plant							
PARM Code 50050 Y	Sample Measurement Permit Requirement						
Mon.Site No. EFF-5	Report (An. Avg.)	mgd				Continuous	Meter
Flow, in conduit or thru treatment plant							
PARM Code 50050 1	Sample Measurement Permit Requirement						
Mon.Site No. EFF-5	Report (Mo. Avg.)	mgd				Continuous	Meter
Solids, Total Suspended							
PARM Code 00530 1	Sample Measurement Permit Requirement		5.0 (Max.)	mg/L		Daily	Grab
Mon.Site No. EFA-1							
Coliform, Fecal							
PARM Code 74055 1	Sample Measurement Permit Requirement		Non Detectable (75 Percentile)	#/100ml		Daily	Grab
Mon.Site No. EFA-1			25 (Max.)				
pH							
PARM Code 00400 1	Sample Measurement Permit Requirement		6.0 (Min.)	s.u.		Continuous	Meter
Mon.Site No. EFA-1			8.5 (Max.)				
Total Residual Chlorine (For Disinfection)							
PARM Code 50060 A	Sample Measurement Permit Requirement		1.0 (Min.)	mg/L		Continuous	Meter
Mon.Site No. EFA-1							

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255
MONITORING PERIOD From: _____ To: _____

R-001

MONITORING GROUP No.: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Turbidity		Sample Measurement								
PARM Code 00070	I	Permit Requirement			Report (Max.)		ntus		Continuous	Meter
Mon. Site No. EFA-1		Sample Measurement								
		Permit Requirement								
		Sample Measurement								
		Permit Requirement								
		Sample Measurement								
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		Sample Measurement								
		Permit Requirement								

DAILY SAMPLE RESULTS - PART B (D001 and INF-1) (CONT)

Permit Number:
Monitoring Period

FL0026255
From: _____

Facility:
To: _____

Hollywood Southern Regional WWTF

	Flow (mgd)	Flow (mgd)	Flow (mgd)	Flow (mgd)	CBOD5 (mg/L)	CBOD5 (mg/L)	TSS (mg/L)	TSS (mg/L)	Chlorine, Total Residual (mg/L)	pH (Max)	pH (Min)
Code	50050	50050	50050	50050	80082	80082	00530	00530	50060	00400	00400
Mon. Site	PPI-3	PPI-4	PPI-5	INF-2	INF-1	PPI-1	INF-1	PPI-1	PPI-2	PPI-2	PPI-2
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Total											
Mo. Avg.											

PLANT STAFFING:

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

DAILY SAMPLE RESULTS - PART B

D001

Permit Number: FL0026255

Facility:

Hollywood Southern Regional WWTF

Monitoring Period

From: _____

To: _____

	Phosphorus (mg/L)	Phosphorus (lbs/day)	Oxygen, Dissolved (DO) (mg/L)	Cyanide, Total Recoverable (ug/L)	Cyanide, Total Recoverable (ug/L)	Cyanide, Total Recoverable (lbs/day)	Cyanide, Total Recoverable (lbs/day)	Silver, Total Recoverable (ug/L)	Silver, Total Recoverable (ug/L)	Silver, Total Recoverable (lbs/day)	Silver, Total Recoverable (lbs/day)
Code	00665	00665	00300	78248	78248	78248	78248	01079	01079	01079	01079
Mon. Site	PPI-2	PPI-2	PPI-2	PPI-1	PPI-2	PPI-1	PPI-2	PPI-1	PPI-1	PPI-2	PPI-2
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Total											
Mo. Avg.											

DAILY SAMPLE RESULTS - PART B

D001

Permit Number: FL0026255

Facility: Hollywood Southern Regional WWTF

Monitoring Period From: _____ To: _____

	Mercury, Total Recoverable (ug/L)	Mercury, Total Recoverable (ug/L)	Mercury, Total Recoverable (lbs/day)	Mercury, Total Recoverable (lbs/day)	Copper, Total Recoverable (ug/L)	Copper, Total Recoverable (ug/L)	Copper, Total Recoverable (lbs/day)	Copper, Total Recoverable (lbs/day)	Fecal Coliform Bacteria (#/100ml)
Code	71901	71901	71901	71901	01119	01119	01119	01119	74055
Mon. Site	PPI-1	PPI-2	PPI-1	PPI-2	PPI-1	PPI-2	PPI-1	PPI-2	PPI-2
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Mo. Avg.									

DAILY SAMPLE RESULTS - PART B

D001

Permit Number:

FL0026255

Facility:

Hollywood Southern Regio. WWTF

Monitoring Period

From: _____

To: _____

	Nitrogen, Total (mg/l)	Nitrogen, Total (lbs/day)	Nitrogen, Organic, Total (as N) (mg/l)	Nitrogen, Organic, Total (as N) (lbs/day)	Nitrite plus Nitrate, Total (as N) (mg/l)	Nitrite plus Nitrate, Total (as N) (lbs/day)	Nitrogen, Ammonia, Total (as N) (lbs/day)	Nitrogen, Ammonia, Total (as N) (mg/l)				
Code	00600	00600	00605	00605	00630	00630	00610	00610				
Mon. Site	PPI-2	PPI-2	PPI-2	PPI-2	PPI-2	PPI-2	PPI-2	PPI-2				
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Total												
Mo. Avg.												

DAILY SAMPLE RESULTS - PART B
R001

Permit Number: **FL0026255** Fac. : Hollywood Southern Regional W. 2
Monitoring Period From: _____ To: _____

	pH (Max)	pH (Min)	TRC (For Disinfect.) (mg/L)	TSS (mg/L)	Turbidity (ntus)	Fecal Coliform Bacteria (#/100ml)	Flow (mgd)				
Code	00400	00400	50060	00530	00070	74055	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFF-5				
1											
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Mo. Avg.											

GROUND WATER MONITORING WELL REPORT - PART D

County:

Facility Name:

Permit Number:

Broward

Hollywood Southern Regional WWTF

FL0026255

Monitoring Well ID: MWC-1

Well Type: Compliance

Description:

Monitoring Period

Was the well purged before sampling?

From:

Yes _____ No _____

To:

Date Sample Obtained:

Time Sample Obtained:

[illegible]

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED

TELEPHONE NO

DATE (YY/MM/DD)

COMMENTS AND EXPLANATION (Reference all attachments here):

MWC-2
Compliance
(former MW-3: 300 feet south of the
northwest corner of irrigated area)

Broward
Hollywood Southern Regional WWTF
FL0026255

From: _____ To: _____

Yes No

Monitoring Period

[illegible][illegible]

I certify under penalty of law that I have personally examined and am familiar with the information furnished by the defendant, and I declare under penalty of perjury that the defendant is the person named in the information.		TELEPHONE NO	DATE (YY/MM/DD)
I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	
submitted information is true, accurate and complete.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	

DATE (YY/MM/DD)

TELEPHONE NO.

penalties for submitting false information including the possibility of fine and imprisonment. ORIGINAL EXECUTIVE OFFICER OR AUTHORIZED

certify under penalty of law that I have personally examined and am familiar with the information reported above, and I am aware that there are no other persons who have access to the information reported above.

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Broward
Facility Name: Hollywood Southern Regional WWTF
Permit Number: FL0026255

Monitoring Well ID:	MWC-3
Well Type:	Compliance
Description:	(former MW-3 northeast corner of the irrigation area, just North of Pembroke Road)

Monitoring Period
Was the well purged before sampling?

From: _____
 Yes _____ No _____

To: _____

[illegible]

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information furnished herein is true and correct. I declare under penalty of perjury that the foregoing is true and correct. I declare under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information furnished herein is true and correct. I declare under penalty of perjury that the foregoing is true and correct.

DATE (YY/MM/DD)	TELEPHONE NO
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	
PERSONAL EXECUTIVE OFFICER OR AUTHORIZED	
submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information regarding the position of the	

DATE (YY/MM/DD)	TELEPHONE NO
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	
PERSONAL EXECUTIVE OFFICER OR AUTHORIZED	
submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information regarding the position of the	

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

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

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

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

CODE	DESCRIPTION/INSTRUCTIONS	CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.	NOD	No discharge from/to site.
DRY	Dry Well	OPS	Operations were shutdown so no sample could be taken.
FLD	Flood disaster.	OTH	Other. Please enter an explanation of why monitoring data were not available.
IFS	Insufficient flow for sampling.	SEP	Sampling equipment failure.
LS	Lost sample.	TNTC	Too numerous too count (for fecal coliform bacteria only).
MNR	Monitoring not required this period since limit is conditional.		

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

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

PART A - DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

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: Record the results of daily monitoring for the parameters required to be sampled by your permit. Record the data in the units indicated. Add the results to get the Total and divide by the number of 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 C - LIMITED WET WEATHER DISCHARGE

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

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

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

Date: Enter the date on which the discharge occurred.

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

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

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

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

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

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

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

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

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

PART D - GROUND WATER MONITORING REPORT

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

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

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 which are unexpected. If more space is needed, reference all attachments in this area.