



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

October 13, 2005 ELECTRONIC CORRESPONDENCE

NOTICE OF PERMIT REVISION

Mr. Don Bayler
Interim Director of Public Utilities
City of Hollywood
P.O. Box 229045
Hollywood, FL 33022-9045
Email: dbayler@hollywoodfl.org

Dear Mr. Bayler:

RE: The consolidation of the Domestic Wastewater Permit (FL0026255) and the Industrial Wastewater Permit for the Water Treatment Plant (FL0038539) into a single combined permit for the City of Hollywood WWTF - DEP Application No. FL0026255-013-DWF.

The Department has reviewed your application, received at this office on May 22, 2002 to revise Permit Number FL0026255 for the referenced facility modifications. The request for permit revision is hereby approved in accordance with Section 403.087, Florida Statutes, subject to the following conditions:

1. **Supplement TREATMENT FACILITIES Section as follows:**

An existing water treatment plant (WTP) that discharges up to 2.2 million gallons per day (MGD) annual average daily flow (AADF), or 5.3 MGD maximum daily flow (MDF), of reverse osmosis (RO) and membrane softening (MS) concentrate wastewater through the existing ocean outfall for the City of Hollywood Wastewater Treatment Plant. The RO treatment unit utilizes raw water withdrawn from the Floridan Aquifer and contributes 36% of the total concentrate flow from this facility. The MS treatment unit utilizes raw water from the shallower Biscayne Aquifer and contributes the remaining 64% of concentrate flow. The concentrate from the RO unit is chlorinated at the WTP to remove excess hydrogen sulfide. The combined RO and MS concentrate is transmitted to the effluent pump station located at the City of Hollywood WWTF for disposal.

2. **Replace Surface Water Discharges Section as follows:**

Surface Water Discharges: An existing 46.3 MGD annual average daily flow (AADF) permitted discharge from the City of Hollywood WWTF (including the City of Cooper City WWTF and the Town of Davie WWTF) and an existing 2.2 MGD annual average daily flow (AADF) permitted discharge of RO and MS concentrate from the City of Hollywood WTP to the Atlantic Ocean (Class III waters) 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.

PERMITTEE: City of Hollywood
Notice of Permit Revision

FACILITY: City of Hollywood WWTF
Permit No. FL0026255

3. Add the following table in a new Section 1.A.1a. as follows:

a. During the period beginning on the issuance date and lasting through the expiration date of this permit, the Permittee is authorized to discharge concentrate from the Reverse Osmosis and Membrane Softening City of Hollywood Water Treatment Plants through Outfall D001 to the Atlantic Ocean. Such discharge shall be limited and monitored by the Permittee as specified below:

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Daily Max.	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	2.2	5.3			Continuous	Flow Meter and 24-hour Recording Chart	PPI-4	See Cond. I. A. 3, 15, and 20
Ammonia, Total as N	mg/L	Maximum				Report	Monthly	Grab	PPI-4	
Nitrogen, Total as N	mg/L	Maximum				Report	Monthly	Grab	PPI-4	
Phosphorus, Total as P	mg/L	Maximum				Report	Monthly	Grab	PPI-4	
Chlorine, Total Residual	mg/L	Maximum				Report	Monthly	Grab	PPI-4	
Hydrogen Sulfide	mg/L	Maximum				Report	Monthly	Grab	PPI-4	
pH	Std. units	Minimum				Report	Monthly	Grab	PPI-4	
Salinity	ppt	Maximum				Report	Monthly	Grab	PPI-4	
Iron, Total Recoverable	mg/L	Maximum				Report	Monthly	Grab	PPI-2	
Combined Radium 226 and 228	PCi/L	Maximum				Report	Quarterly	Grab	PPI-2	
Gross Alpha Particle Activity	PCi/L	Maximum				Report	Quarterly	Grab	PPI-2	

4. **Mixing zones for the ocean outfall (D-001) are no longer necessary since the discharge receives at least 20:1 dilution prior to the plume reaching the ocean surface. Therefore, Section 1.A.11, of the permit is null and void in accordance with Rule 62-4.244(3)(c), Florida Administrative Code.**
5. **The attached Discharge Monitoring Report (DMR) shall be used to report monitoring data for the RO/MS concentrate, either undiluted, sampled at PPI-4, or diluted with effluent at PPI-2.**

All other applicable conditions included in the original permit remain unchanged. This Notice of Permit Revision shall become a part of the permit and must be attached to the original permit.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

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

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

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

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

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

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

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

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

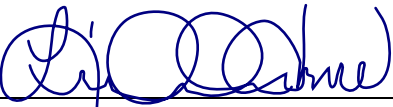
As provided in section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded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

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

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Linda A. Horne, P.G. Date
Water Facilities Administrator

LAH/TP/ba: FL0026255-013-DWF-MM

PERMITTEE: City of Hollywood
Notice of Permit Revision

FACILITY: City of Hollywood WWTF
Permit No. FL0026255

cc:

Frederick Bloetscher, P.E., Pumps, Inc., h20_man@bellsouth.net
Todd Brown, DEP/WPB, todd.brown@dep.state.fl.us
Robert O. Boyce, City of Hollywood, rboyce@hollywoodfl.org
Shirely Collins, FDCA, Shirely.Collins@dca.state.fl.us
Tori White, USACE, tori.white@saj02usace.army.mil
Virginia Buff, EPA Region IV, Buff.Virginia@epa.gov
Linda Ferrel, USFWS, Linda_Ferrel@fws.gov
LEAF, leaf@leaflaw.org
Eric Hawk, NOAA, Eric.Hawk@noaa.gov

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT REVISION and all copies were mailed by electronic mail before the close of business on October 13, 2005 to the listed persons.
(Date)

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

October 13, 2005
Date

**ADDENDUM TO FACT SHEET
AT THE TIME OF FINAL PERMIT ISSUANCE
FOR
STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT REVISION**

PERMIT NUMBER: FL0026255

APPLICATION NUMBER FL0026255-013-DWF

FACILITY NAME: Hollywood Southern Regional WWTF

FACILITY LOCATION: City of Hollywood,
Broward County

NAME OF PERMITTEE: City of Hollywood

PERMIT WRITER: Bradley Akers

The draft permit was issued on March 23, 2005. There were no comments received from any interested parties or EPA, except that the City commented on a few discrepancies between the permit revision and the Discharge Monitoring Reports. The corrections have been made.

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
MAILING ADDRESS:	City of Hollywood P.O. Box 229045 Hollywood, FL 33022-9045	LIMIT:	Final
FACILITY:	Hollywood Southern Regional WWTF	CLASS SIZE:	Major
LOCATION:	City of Hollywood 1621 North 14th Avenue Hollywood, FL 33019	MONITORING GROUP NUMBER:	D-001 (RO and MS Concentrate)
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
Flow, RO/MS Concentrate	Sample Measurement										
PARM Code 50050 J Mon. Site No. PPI-4	Permit Requirement	2.2 (An. Avg.)	5.3 (Daily Max.)	mgd						Continuous	Flow Meter
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 J Mon. Site No. PPI-4	Permit Requirement					Report (Max.)		mg/L		Monthly	Grab
Nitrogen, Total (as N)	Sample Measurement										
PARM Code 00600 J Mon. Site No. PPI-4	Permit Requirement					Report (Max.)		mg/L		Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 J Mon. Site No. PPI-4	Permit Requirement					Report (Max.)		mg/L		Monthly	Grab
Chlorine, Total Residual	Sample Measurement										
PARM Code 50060 J Mon. Site No. PPI-4	Permit Requirement					Report (Max.)		mg/L		Monthly	Grab
Hydrogen sulfide	Sample Measurement										
PARM Code 71875 J Mon. Site No. PPI-4	Permit Requirement					Report (Max.)		mg/L		Monthly	Grab

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):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME:

Hollywood Southern Regional WWTF

PERMIT NUMBER: FL0026255

MONITORING GROUP No.:

D-001 (RO and MS Concentrate)

MONITORING PERIOD

From:

Tc

[illegible]

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	
MAILING ADDRESS:	City of Hollywood P.O. Box 229045 Hollywood, FL 33022-9045	LIMIT:	Final	REPORT:
		CLASS SIZE:	Major	GROUP:
FACILITY:	Hollywood Southern Regional WWTF	MONITORING GROUP NUMBER:	D-001 (RO and MS Concentrate)	
LOCATION:	City of Hollywood 1621 North 14th Avenue Hollywood, FL 33019	NO DISCHARGE FROM SITE:	☐	
COUNTY:	Broward	MONITORING PERIOD	From:	To

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Radium 226 + Radium 228, Total	Sample Measurement										
PARM Code 11503 J Mon.Site No. PPI-2	Permit Requirement					Report (Max.)		PCI/L		Quarterly	Grab
Alpha, Gross Particle Activity	Sample Measurement										
PARM Code 80045 J Mon.Site No. PPI-2	Permit Requirement					Report (Max.)		PCI/L		Quarterly	Grab
	Sample Measurement										
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	Sample Measurement										
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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):