



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

NOTICE OF PERMIT REVISION

July 2, 2004 ELECTRONIC CORRESPONDENCE

Mr. Whit Van Cott
Utility Director
City of Hollywood
P.O. Box 229045
Hollywood, FL 33022-9045
Email: wvancott@hollywoodfl.org

Broward County
DW – City of Hollywood WWTF/ Permit Revision
DEP Permit Number: FL0026255
DEP Application Number: FL0026255-014-DW1P
AA Residual Treatment

Dear Mr. Van Cott:

The Department has reviewed your request with a \$5,000.00 application fee, received on February 27, 2004, to add AA Residual Treatment System to the City of Hollywood WWTF by construction of an AA residual treatment system (Bioset Process). Two processes were initially included in the application. During the review, the City determined that the Bioset Process was reasonably able to comply with odor concerns, and the Department concurs. The proposed process shall include final vector attraction reduction monitoring at Seminole Tribe of Florida's Big Cypress Reservation within a 400 acre Tribal Agriculture Distribution Center located in Hendry County. The alternative process is not included in this approval, as concerns about odors at the plant site had not been satisfied and the applicant requested removal of this process for permit consideration. Public notice for the Notice of Intent was published on May 19, 2004 in the South Florida Sun-Sentinel. The Department received proof of publication on May 26, 2004.

The Tribal Agriculture Distribution Center facility is located near the boundary of in Hendry County near Broward County approximately at latitude 26° 19' 35" N, longitude 80° 59' 20" W.

The request for permit revision is hereby approved in accordance with Section 403.087, Florida Statutes. The following revisions are made to Permit Number FL0026255:

- **Replace Section II with the following:**

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is distribution and marketing (AA), land application (A or B), and/or transport to Nutri-Cycle Inc. in Arcadia, Florida, or another permitted residual management facility, or disposal in a Class I or II solid waste landfill.
2. The Permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5)]*
3. The Permittee 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 applicer agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. *[62-640.300(5)]*

4. 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)]*
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 domestic wastewater residuals for this facility are classified as Class AA and A.
8. The Permittee shall achieve Class A pathogen reduction by meeting the pathogen reduction requirements in section 503.32(a)(3) (Thermally Treated Biosolids) of Title 40 CFR Part 503, revised as of October 25, 1995. *[62-640.600(1)(a)]*
9. The Permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in section 503.33(b)(6) (Add alkaline materials to raise the pH under specified conditions) of Title 40 CFR Part 503, revised as of October 25, 1995. *[62-640.600(2)(a)]*
10. 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)]*
11. The removal of treated residuals from the plant site shall not occur until the first pH monitoring as required by item 9 (above) is completed. The second and final monitoring maybe located at an off site location. The operating protocol to be used at the site shall be submitted and approved prior to the use of the site. An updated operating protocol shall be submitted and approved prior to any proposed change. *[62-4.070 (1) & (3)]*

12. The Permittee shall sample and analyze the Class A 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 three (3) months.

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)]

12. The Permittee shall sample and analyze the Class AA 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 monthly. All samples shall be representative of the residuals used, land applied, or distributed and marketed, and shall be taken after final treatment of the residuals but before use, land application, or distribution and marketing. The following parameters shall be sampled and analyzed:

Parameter	Ceiling Concentrations (Single Sample)	Class AA Parameter Concentrations (Monthly Average)
Total Nitrogen	(Report only) % dry weight	(Report only) % dry weight
Total Phosphorus	(Report only) % dry weight	(Report only) % dry weight
Total Potassium	(Report only) % dry weight	(Report only) % dry weight
Arsenic	75 mg/kg dry weight	41 mg/kg dry weight
Cadmium	85 mg/kg dry weight	39 mg/kg dry weight
Copper	4300 mg/kg dry weight	1500 mg/kg dry weight
Lead	840 mg/kg dry weight	300 mg/kg dry weight
Mercury	57 mg/kg dry weight	17 mg/kg dry weight
Molybdenum	75 mg/kg dry weight	Not applicable
Nickel	420 mg/kg dry weight	420 mg/kg dry weight
Selenium	100 mg/kg dry weight	100 mg/kg dry weight
Zinc	7500 mg/kg dry weight	2800 mg/kg dry weight
pH	(Report only) standard units	(Report only) standard units
Total Solids	(Report only) %	(Report only) %

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

13. 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)]*
14. 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)]*
15. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Residuals shall not be distributed and marketed if the monthly average of sample results for any parameter exceeds the Class AA parameter concentrations given in

this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. *[62-640.650(1)(f)]*

16. The Permittee shall submit the results of all residuals monitoring with the Permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. *[62-640.650(3)(a)&(e)]*
17. Only domestic wastewater residuals that meet Class AA standards may be sold or given away in a distribution and marketing program. The distribution and marketing of residuals shall be conducted in accordance with Chapter 62-640, F.A.C. *[62-640.850]*
18. The Permittee shall submit a Monthly Residuals Distribution and Marketing Report to the Domestic Wastewater Section of the Department on Form 62-640.210(2)(c) by the 28th day of the month following the reporting month. The report shall be submitted to 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

with a copy to the Southeast District Office to the following address:

Southeast District Office
400 North Congress Avenue
Suite 200
West Palm Beach, Florida 33401

[62-640.850(4)]

19. The Permittee shall make the following information available to users by product labels or other means:
 - a. The name and address of the facility or person that produced the Class AA residuals;
 - b. A statement that the residuals or residuals product meets the criteria of Rule 62-640.850(3), F.A.C.;
 - c. A recommendation that residuals be applied at a rate that does not exceed the agronomic rate; and
 - d. The following residuals analysis information (dry weight basis):
 - Total Nitrogen (%)
 - Total Phosphorus (%)
 - Total Potassium (%)

[62-640.850(5)]

20. Use of Class A residuals is allowed on unrestricted public access areas such as playgrounds, parks, golf courses, lawns, and hospital grounds. *[62-640.600(3)(a)]*

21. Current Agricultural Use Plan(s) identify residuals landspreading on the following site after an updated AUP is submitted and approved by the Department:

Site Name	Site Type (AG or LR)	App. Area (acres)	Site Location						
			County	Latitude			Longitude		
				DD	MM	SS	DD	MM	SS
V.C. Ranch East	AG	1155	Desoto	27	03	37	81	35	18

22. Residuals shall be applied with appropriate techniques and equipment to assure uniform application over the application zone. *[62-640.700(2)(c)]*
23. The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. *[62-640.700(2)(d)]*
24. 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)]*
25. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f)]*
26. 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)]*
27. 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:
- Date of application of the residuals;
 - Location of the residuals application site as specified in the Agricultural Use Plan;
 - Identification of each application zone used by the Permittee at the application site and the acreage of each zone;
 - Amount of residuals applied or delivered to each application zone;
 - Cumulative loading of each application zone;
 - The names of all other wastewater facilities using each of the application zones identified in item c.;
 - Method of incorporation (if any);
 - Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - Unsaturated depth of soil above the water table level at the time of application;
 - Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.

[62-640.650(2)]

28. The Permittee shall submit an annual summary of residuals application activity to the Southeast 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)]
29. 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)]
30. 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)]
31. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. [62-640.700(7)(a)]
32. Land application of "other solids" as defined in Chapter 62-640, F.A.C., is only allowed if specifically addressed in the Agricultural Use Plan(s) approved for this facility. Land application of "other solids" is subject to Chapter 62-640, F.A.C., and the permit conditions that apply to land applied residuals. [62-640.860]
33. 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)]
34. 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)]
35. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

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

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

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

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

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

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

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

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

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

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, Florida Administrative Code. The agreement must be received by the clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

Mr. Whit Van Cott, Utility Director
City of Hollywood
FL0026255

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

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

Any party to this permit has the right to seek judicial review under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit is filed with the clerk of the Department.

Should you have any questions, please contact Michael Wayne Bechtold P.E. of this office at telephone number (561) 681-6682 or email at mike.bechtold@dep.state.fl.us.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Kevin R. Neal 7/2/04
Date

Kevin R. Neal
District Director
Southeast District


KRN/LAH/TP/mwb

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT REVISION and all copies were emailed before the close of business on July 2, 2004 to the listed persons.

FILING AND ACKNOWLEDGMENT

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

Katani Byaz 7/2/04
[Clerk] [Date]

ec: Virginia Buff, EPA/Atlanta, buff.virginia@epa.gov
Hubert Philocotte, DEP/WPB, hubert.philocotte@dep.state.fl.us
Francine Ffolkes, OGC/TLH, Francine.Ffolkes@dep.state.fl.us
Paul Vince, Hazen and Sawyer/ Hollywood, pvinci@hazenandsawyer.com
Thomas R. Dziedzinski, City of Hollywood, Tdziedzinski@hollywoodfl.org

Mr. Whit Van Cott, Utility Director
City of Hollywood
FL0026255

Sharon Sawicki, DEP/TAL, Sharon.Sawicki@dep.state.fl.us
Garth Hinckle, BCDPEP, ghinckle@co.broward.fl.us
Joanne Swing, BCDPEP, JSWING@broward.org

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: MAILING ADDRESS: FACILITY: LOCATION: COUNTY:	City of Hollywood City of Hollywood P.O. Box 229045 Hollywood, FL 33022-9045 Hollywood Southern Regional WWTF City of Hollywood 1621 North 14th Avenue Hollywood, FL 33019 Broward	PERMIT NUMBER LIMIT: CLASS SIZE: MONITORING GROUP NUMBER: MONITORING GROUP DESC: NO DISCHARGE FROM SITE: MONITORING PERIOD	FL0026255 Final Major RMP-A Class A Residuals 	REPORT: GROUP: Monthly Domestic From: _____ To _____
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Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Sludge, Tot, Dry Wt (as N)	Sample Measurement										
PARM Code 78470 + Mon. Site No. RMP-A	Permit Requirement	Report (Max.)		PER-CENT						Monthly	Grab
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement										
PARM Code 78478 + Mon. Site No. RMP-A	Permit Requirement	Report (Max.)		PER-CENT						Monthly	Grab
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement										
PARM Code 78472 + Mon. Site No. RMP-A	Permit Requirement	Report (Max.)		PER-CENT						Monthly	Grab
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49565 + Mon. Site No. RMP-A	Permit Requirement				75.0 (Max.)			MG/KG		Monthly	Composite
Cadmium, Sludge, Tot, Dry Weight (as Cd)	Sample Measurement										
PARM Code 78476 + Mon. Site No. RMP-A	Permit Requirement				85.0 (Max.)			MG/KG		Monthly	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon. Site No. RMP-A	Permit Requirement				4300.0 (Max.)			MG/KG		Monthly	Composite

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Hollywood Southern Regional WWTF

MONITORING GROUP

RMP-A

PERMIT NUMBER: FL0026255

NUMBER:

MONITORING PERIOD

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Dry Weight, Sludge	Sample Measurement										
PARM Code 78468 + Mon. Site No. RMP-A	Permit Requirement				840.0 (Max.)			MG/KG		Monthly	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon. Site No. RMP-A	Permit Requirement				57.0 (Max.)			MG/KG		Monthly	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon. Site No. RMP-A	Permit Requirement				75.0 (Max.)			MG/KG		Monthly	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon. Site No. RMP-A	Permit Requirement				420.0 (Max.)			MG/KG		Monthly	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon. Site No. RMP-A	Permit Requirement				100.0 (Max.)			MG/KG		Monthly	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon. Site No. RMP-A	Permit Requirement				7500.0 (Max.)			MG/KG		Monthly	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon. Site No. RMP-A	Permit Requirement				Report (Max.)			SU		Monthly	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon. Site No. RMP-A	Permit Requirement				Report (Max.)			PER-CENT		Monthly	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 + Mon. Site No. RMP-A	Permit Requirement	1000.0 (Max.)		MPN/G						Monthly	Grab
Salmonella Sludge	Sample Measurement										
PARM Code 71204 + Mon. Site No. RMP-A	Permit Requirement	3.0 (Max.)		MPN/4G						Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: 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

PERMIT NUMBER: FL0026255
 LIMIT: Final
 CLASS SIZE: Major
 MONITORING GROUP: RMP-AA
 MONITORING GROUP DESC: Class AA Residuals

REPORT: Monthly
 GROUP: Domestic

NO DISCHARGE FROM
 SITE:

☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Sludge, Tot, Dry Wt (as N)	Sample Measurement									
PARM Code 78470 + Mon. Site No. RMP-AA	Permit Requirement	Report (Mo. Avg.)	PER-CENT						Monthly	Grab
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement									
PARM Code 78478 + Mon. Site No. RMP-AA	Permit Requirement	Report (Mo. Avg.)	PER-CENT						Monthly	Grab
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement									
PARM Code 78472 + Mon. Site No. RMP-AA	Permit Requirement	Report (Mo. Avg.)	PER-CENT						Monthly	Grab
Arsenic Total, Dry Weight, Sludge	Sample Measurement									
PARM Code 49565 + Mon. Site No. RMP-AA	Permit Requirement			41.0 (Mo. Avg.)	75.0 (Max.)		MG/KG		Monthly	Composite
Cadmium, Sludge, Tot, Dry Weight (as Cd)	Sample Measurement									
PARM Code 78476 + Mon. Site No. RMP-AA	Permit Requirement			39.0 (Mo. Avg.)	85.0 (Max.)		MG/KG		Monthly	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement									
PARM Code 78475 + Mon. Site No. RMP-AA	Permit Requirement			1500.0 (Mo. Avg.)	4300.0 (Max.)		MG/KG		Monthly	Composite

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Hollywood Southern Regional WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD
From:

RMP-AA

PERMIT NUMBER: FL0026255

To

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Dry Weight, Sludge	Sample Measurement										
PARM Code 78468 + Mon. Site No. RMP-AA	Permit Requirement				300.0 (Mo. Avg.)	840.0 (Max.)		MG/KG		Monthly	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon. Site No. RMP-AA	Permit Requirement				17.0 (Mo. Avg.)	57.0 (Max.)		MG/KG		Monthly	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon. Site No. RMP-AA	Permit Requirement				75.0 (Max.)			MG/KG		Monthly	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon. Site No. RMP-AA	Permit Requirement				420.0 (Mo. Avg.)	420.0 (Max.)		MG/KG		Monthly	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon. Site No. RMP-AA	Permit Requirement				100.0 (Mo. Avg.)	100.0 (Max.)		MG/KG		Monthly	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon. Site No. RMP-AA	Permit Requirement				2800.0 (Mo. Avg.)	7500.0 (Max.)		MG/KG		Monthly	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon. Site No. RMP-AA	Permit Requirement				Report (Mo. Avg.)	Report (Max.)		SU		Monthly	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon. Site No. RMP-AA	Permit Requirement				Report (Mo. Avg.)	Report (Max.)		PER-CENT		Monthly	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 + Mon. Site No. RMP-AA	Permit Requirement	1000.0 (Max.)		MPN/G						Monthly	Grab
Salmonella Sludge	Sample Measurement										
PARM Code 71204 + Mon. Site No. RMP-AA	Permit Requirement	3.0 (Max.)		MPN/4G						Monthly	Grab

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
	is not conducted. ell disaster. cient flow for sampling. mple.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
	charge from/to site. ions were shutdown so no sample could be taken. Please enter an explanation of why monitoring data were not available. ng equipment failure.

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

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

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

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

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

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

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

PART C - LIMITED WET WEATHER DISCHARGE

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

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

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

Date: Enter the date on which the discharge occurred.

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

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

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

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

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

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

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

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

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

PART D - GROUND WATER MONITORING REPORT

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

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

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

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

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

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

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

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

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