



December 10, 2014

L-2014-373  
10 CFR 50.4  
EPP 3.2.3

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
Environmental Protection Plan Report  
Minor Permit Revision for Storm Water Management  
IWW Permit No. FL0002208

Pursuant to section 3.2.3 of the St. Lucie Environmental Protection Plan, Florida Power & Light Company (FPL) is hereby forwarding the enclosed copy of the revision to the Industrial Wastewater Facility Permit (Permit Number FL0002208) as issued by the State of Florida Department of Environmental Protection on November 18, 2014.

Please contact Vince Munné (772) 263-2847 should you have any questions on this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric S. Katzman'.

Eric S. Katzman  
Licensing Manager  
St. Lucie Plant

ESK/tit

Enclosure

IE25  
MR

L-2014-373  
Enclosure

Enclosure

Minor Permit Revision for Permanent Storm Water Management  
IWW Permit No. FL0002208

(22 pages)



**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
BOB MARTINEZ CENTER  
2600 BLAIRSTONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
U.S. GOVERNOR

HERSCHEL E. VINYARD JR.  
SECRETARY

November 18, 2014

**SENT BY EMAIL TO:**  
([Joseph.Jensen@fpl.com](mailto:Joseph.Jensen@fpl.com))

Joseph Jensen  
Site Vice President  
Florida Power & Light (FPL)  
6501 S. Ocean Drive  
Jensen Beach, Florida 34957

Re: Florida Power & Light  
St. Lucie Power Plant  
NPDES Permit No. FL0002208  
Minor Permit Revision for  
Storm Water Management

Dear Mr. Jensen:

On May 30, 2014, the Department of Environmental Protection (Department) received a minor revision application for the above referenced facility. FPL requested the use of portable pumps to evacuate excess storm water at the Units 1 and 2 cooling condenser water pits to maintain maximum personnel safety. After review, the Department hereby approves the request pursuant to Rules 62-620.200(24), 62-620.200(25), and 62-620.325(2), Florida Administrative Code. All other conditions of the permit shall remain the same except as specifically revised. Please attach this letter and the accompanying revised permit pages to NPDES Permit No. FL0002208.

If you object to this permit revision you may petition for an administrative hearing in accordance with the enclosed Notice of Rights. If a petition is filed, then this permit revision does not become effective. If you have any questions regarding this permit revision, please contact Mr. Marc Harris, P.E., in the Industrial Wastewater Section at (850) 245-8589.

Sincerely,

Elsa A. Potts, P.E.  
Program Administrator  
Industrial Wastewater Program  
Division of Water Resource Management

EAP/mh/bn

Attachment

cc: Vince Munne, FPL ([Vince.Munne@fpl.com](mailto:Vince.Munne@fpl.com))  
John Jones, FPL ([John.Jones@fpl.com](mailto:John.Jones@fpl.com))  
Hambor Michael., DEP West Palm Beach ([Michael.Hambor@dep.state.fl.us](mailto:Michael.Hambor@dep.state.fl.us))

## NOTICE OF RIGHTS

A person whose substantial interests are affected by this permit revision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Permit. A petitioner, other than the applicant, shall mail a copy of the petition to the applicant at the address indicated in the attached letter at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall 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 case 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.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this intent. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this intent in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

STATEMENT OF BASIS FOR MINOR PERMIT REVISION

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Permit Number: FL0002208  
Permit Writer: Bala Nori  
DEP File No.: FL0002208-16-IWB

Application Date: May 30, 2014  
Additional Information: August 25, 2014, September 5, 2014  
& October 14, 2014

**1. SYNOPSIS OF APPLICATION**

A. Name and Address of Applicant

Joseph Jensen  
Site Vice President  
Florida Power & Light  
6501, S. Ocean Drive  
Jensen Beach, Florida 34957

For:

Florida Power & Light  
St. Lucie Plant Units 1 and 2  
Hutchinson Island  
St. Lucie County  
Florida

B. Description of Proposed Activity:

On May 30, 2014, the Florida Department of Environmental Protection (Department) received a minor revision application from Florida Power & Light (FPL) for the above referenced facility. FPL is requesting authorization to discharge storm water from the Units 1 and 2 condenser cooling water pits during extreme storm events. These events occur on a very rare basis; the last two events occurred on August 20, 2008 (Tropical Storm Fay) and January 9, 2014.

During extreme storm events at the St. Lucie Plant, storm water can accumulate in the Units 1 and 2 condensate pits and component cooling water pits. The sump pumps in these pits can become overwhelmed, which can result in a rapid rise of the water levels within these pits, ultimately inundating the electrical equipment and causing a potential shock hazard. To manage the stormwater accumulation in the pits, FPL will deploy portable pumps to evacuate the excess storm water in those areas.

The pumped storm water will be discharged at four locations to the intake and discharge canals, and as the event unfolds, plant staff will sample the storm water prior to discharge. The sampling will include the same type of requirements as other stormwater outfalls included in the permit.

Changes to the permit

- (1) Page 2. The new internal outfall was included in the list of outfalls to represent the pumped discharges to the intake and discharge canal during the storm events.

- (2) Page 11. A new internal outfall for the emergency stormwater discharge was included, along with the appropriate monitoring requirements.

This constitutes Revision C (Rev. C) to the permit. All changes to the permit are noted in Rev. B by underline with a margin bar indicating lines where changes have been made for this revision.

**STATE OF FLORIDA  
INDUSTRIAL WASTEWATER FACILITY PERMIT**

**PERMITTEE:**  
Florida Power & Light (FPL)

**PERMIT NUMBER:** FL0002208 (Major) *Rev. C*  
**FILE NUMBER:** FL0002208-011-IW1S  
**ISSUANCE DATE:** **September 29, 2011**  
**REVISION DATE:** *November 18, 2014*  
**EXPIRATION DATE:** **September 28, 2016**

**RESPONSIBLE OFFICIAL:**  
Richard L. Anderson  
Vice President  
6501 S. Ocean Drive  
Jensen Beach, Florida 34957

**FACILITY:**

St. Lucie Power Plant Units 1 and 2  
Hutchinson Island  
St. Lucie County, Florida  
Latitude: See Note Below      Longitude: See Note Below

Note: Latitude and longitude are not shown at the permittee's request, for purposes of Homeland Security pursuant to federal regulations found at 18 CFR 388.113(c)(i) and (ii) and by Presidential Directive dated December 17, 2003.

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. This permit is accompanied by an Administrative Order, pursuant to paragraphs 403.088(2)(e) and (f), Florida Statutes. Compliance with Administrative Order, AO022TL is a specific requirement of this permit. The above named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

**FACILITY DESCRIPTION:**

The facility is an electric generating plant with a total nameplate rating of 1908 megawatts. The facility consists of two nuclear powered steam electric generating units (Unit 1 and Unit 2).

Units 1 and 2 use water from the Atlantic Ocean, a Class III marine water body, to remove heat from the main condensers via the once-through cooling water (OTCW) and auxiliary equipment cooling water (AECW) systems. Cooling water gravity flows from the Atlantic Ocean through three offshore intake structures into the intake canal. The water is then pumped through the main condensers for each unit. Heated cooling water is released to the discharge canal and back to the Atlantic Ocean through existing offshore Y and multi-port diffusers.

Units 1 and 2 are also regulated under the Florida Electrical Power Plant Siting Act (License No. PA74-02).

The radioactive component of the discharge is regulated by the U.S. Nuclear Regulatory Commission under the Atomic Energy Act, and not by the Department or the U.S. Environmental Protection Agency under the Clean Water Act.

**WASTEWATER TREATMENT:**

Facility discharge and treatment include the following. Once-through non-contact condenser cooling water (OTCW) and auxiliary equipment cooling water (AECW) are chlorinated. Low volume waste (LVW) (consisting of water treatment system wastewater, steam generator/boiler blowdown, and equipment area floor drainage), non-radioactive wastes/liquid radiation waste, and stormwater associated with industrial activity are treated by chemical/physical processes including neutralization, settling, ion exchange and micro filtration. Non-industrial stormwater and intake screen wash water are discharged without treatment.

PERMITTEE: Florida Power & Light (FPL)  
FACILITY: St. Lucie Power Plant

PERMIT NUMBER: FL0002208 (Major) *(Rev. C)*  
EXPIRATION DATE: September 28, 2016

**REUSE OR DISPOSAL:**

**Surface Water Discharge D-001:** An existing 1,487 MGD daily maximum flow, 1,362 annual average daily flow permitted discharge to the onsite discharge canal, thence to the Atlantic Ocean, Class III Marine Waters, (WBID 8103).

**Internal Outfall I-003:** An existing permitted discharge to the discharge canal.

**Internal Outfall I-005:** An existing permitted discharge to the discharge canal.

**Internal Outfall I-007:** An existing permitted discharge to the discharge canal.

**Internal Outfall I-008:** An existing permitted discharge to the intake canal.

**Storm Water Outfall I-009:** *A new permitted emergency storm water discharge to the intake and discharge canals via portable pumps.*

**Storm Water Outfall I-06B:** An existing intermittent permitted storm water discharge to the intake canal via an outlet control structure.

**Storm Water Outfall I-06C:** An existing intermittent permitted storm water discharge to the intake canal via an outlet control structure.

**Storm Water Outfall I-06D:** An existing intermittent permitted storm water discharge to the intake canal via an outlet control structure.

**IN ACCORDANCE WITH:** The limitations, monitoring requirements and other conditions set forth in this Cover Sheet and Part I through Part IX on pages 1 through 25 of this permit.



PERMITTEE: Florida Power & Light (FPL)  
 FACILITY: St. Lucie Power Plant

PERMIT NUMBER: FL0002208 (Major) (Rev. C)  
 EXPIRATION DATE: September 28, 2016

Monitoring Site Number	Description of Monitoring Site
OUI-5	Storm water discharge prior to entering the intake canal.

10. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge stormwater associated with industrial activity from the Former Oil Storage Area from **Internal Outfall I-06B** to the intake canal. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.3.:

Parameter	Units	Max/ Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	Report Report	Daily Maximum Monthly Average	Annually	Calculated	OUI-3	
Solids, Total Suspended	mg/L	Max	Report	Daily Maximum	Annually	Grab	OUI-3	
Oil and Grease	mg/L	Max	Report	Daily Maximum	Annually	Grab	OUI-3	

11. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.B.10. and as described below:

Monitoring Site Number	Description of Monitoring Site
OUI-3	Discharge from the former oil storage area prior to entering the intake canal.

12. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge storm water not associated with industrial activity from **Internal Outfall I-06C** to the mangrove impoundment. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.3.:

Parameter	Units	Max/ Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	Report Report	Daily Maximum Monthly Average	Annually	Calculated	OUI-4	
Oil and Grease	mg/L	Max	Report	Daily Maximum	Annually	Grab	OUI-4	

13. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.B.12. and as described below:

Monitoring Site Number	Description of Monitoring Site
OUI-4	Stormwater discharge prior to entering the mangrove impoundment area.

14. *During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized emergency discharge during extreme storm events consisting of stormwater associated with condensate pits and component cooling water from **Internal Outfall I-009** to the intake and discharge canals. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.3.:*

PERMITTEE: Florida Power & Light (FPL)  
 FACILITY: St. Lucie Power Plant

PERMIT NUMBER: FL0002208 (Major) (Rev. C)  
 EXPIRATION DATE: September 28, 2016

<i>Parameter</i>	<i>Units</i>	<i>Effluent Limitations</i>			<i>Monitoring Requirements</i>			<i>Notes</i>
		<i>Max/Min</i>	<i>Limit</i>	<i>Statistical Basis</i>	<i>Frequency of Analysis</i>	<i>Sample Type</i>	<i>Monitoring Site Number</i>	
<i>Flow</i>	<i>MGD</i>	<i>Max/Max</i>	<i>Report/Report</i>	<i>Daily Maximum/Monthly Average</i>	<i>Per Discharge</i>	<i>Calculated</i>	<i>OUI-6</i>	
<i>Oil and Grease</i>	<i>mg/L</i>	<i>Max/Max</i>	<i>15.0/20.0</i>	<i>Monthly Average/Daily Maximum</i>	<i>Per Discharge</i>	<i>Grab</i>	<i>OUI-6</i>	
<i>Solids, Total Suspended</i>	<i>mg/L</i>	<i>Max/Max</i>	<i>30.0/100.0</i>	<i>Monthly Average/Daily Maximum</i>	<i>Per Discharge</i>	<i>Grab</i>	<i>OUI-6</i>	
<i>pH</i>	<i>s.u.</i>	<i>Max/Min</i>	<i>9.0/6.0</i>	<i>Daily Maximum/Daily Minimum</i>	<i>Per Discharge</i>	<i>Grab</i>	<i>OUI-6</i>	

15. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.B.14. and as described below:

<i>Monitoring Site Number</i>	<i>Description of Monitoring Site</i>
<i>OUI-6</i>	<i>Stormwater discharge prior to entering the intake or discharge canal.</i>

- 16. Discharge of intake screen wash water from Internal Outfall I-007 is permitted without limitation or monitoring requirements.
- 17. Discharge of storm water and wash-down water consisting of potable water with no chemical additives discharge from Spent Nuclear Fuel Dry Storage Area to the intake canal through Internal Outfall I-06D is permitted without limitations or monitoring requirements.

**C. Other Limitations and Monitoring and Reporting Requirements**

- 1. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and 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 quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. 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 or less than the corresponding method values specified in the Department's approved MDL and PQL list;
  - b. The laboratory reported MDL 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 an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
  - c. If the MDLs 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 MDL shall be used.

When the analytical results are below method detection or practical quantitation 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.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. 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

**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	Florida Power & Light (FPL)	PERMIT NUMBER	FL0002208-016-IWB
MAILING ADDRESS	6501 S. Ocean Drive Jensen Beach, Florida 34957	LIMIT:	Final
FACILITY	St. Lucie Plant Units 1 and 2	CLASS SIZE:	MA
LOCATION	Hutchinson Island, FL	MONITORING GROUP NUMBER:	D-001
		MONITORING GROUP DESCRIPTION:	Condenser once-through cooling water and auxiliary equipment cooling water from Units 1 and 2 to the discharge canal thence the Atlantic Ocean.
COUNTY	St. Lucie	RE-SUBMITTED DMR:	<input type="checkbox"/>
OFFICE:	Southeast District	NO DISCHARGE FROM SITE:	<input type="checkbox"/>
		MONITORING PERIOD	From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement							
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement	Report (Day.Max.)	MGD				Hourly	Pump Logs
Temperature (F), Water (During Normal Operation)	Sample Measurement							
PARM Code 00011 1 Mon. Site No. EFF-2	Permit Requirement			Report (Day.Max.)	Deg F		Hourly	Recorder
Temperature (F), Water (During Maintenance Activities)	Sample Measurement							
PARM Code 00011 Q Mon. Site No. EFF-2	Permit Requirement			117 (Day.Max.)	Deg F		Hourly	Recorder
Temp Diff. between Intake and Discharge (During Normal Operation)	Sample Measurement							
PARM Code 61576 1 Mon. Site No. EFF-2	Permit Requirement			30 (Day.Max.)	Deg F		Hourly	Calculated
Temp Diff. between Intake and Discharge (During Maintenance Activities)	Sample Measurement							
PARM Code 61576 Q Mon. Site No. EFF-2	Permit Requirement			32 (Day.Max.)	Deg F		Hourly	Calculated
Oxidants, Total Residual	Sample Measurement							
PARM Code 34044 1 Mon. Site No. EFF-2	Permit Requirement			0.1 (Mo Avg) 0.1 (Day.Max.)	mg/L		Continuous	Recorder
Chlorination Duration (Unit 1)	Sample Measurement							
PARM Code 78739 1 Mon. Site No. EFF-1	Permit Requirement			120 (Day.Max.)	min		Daily, 24 hours	Logs

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 (mm/dd/yyyy)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: St. Lucie Power Plant Units 1 and 2

MONITORING GROUP D-001

PERMIT NUMBER FL0002208-016-IWB

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No Ex	Frequency of Analysis	Sample Type
Chlorination Duration (Unit 2)	Sample Measurement							
PARM Code 78739 P Mon. Site No. EFF-1	Permit Requirement			120 (Day Max.)	min		Daily; 24 hours	Logs
7-DAY CHRONIC STATRE Mysidopsis bahia (Routine)	Sample Measurement							
PARM Code TRP3E P Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		Semiannually	24-hr TPC
7-DAY CHRONIC STATRE Mysidopsis bahia (Additional)	Sample Measurement							
PARM Code TRP3E Q Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Mysidopsis bahia (Additional)	Sample Measurement							
PARM Code TRP3E R Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Menidia beryllina (Routine)	Sample Measurement							
PARM Code TRP6B P Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		Semiannually	24-hr TPC
7-DAY CHRONIC STATRE Menidia beryllina (Additional)	Sample Measurement							
PARM Code TRP6B Q Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		As needed	As required by the permit
7-DAY CHRONIC STATRE Menidia beryllina (Additional)	Sample Measurement							
PARM Code TRP6B R Mon. Site No. EFF-2	Permit Requirement		100 (Min.)		percent		As needed	As required by the permit

**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

<b>PERMITTEE NAME:</b> Florida Power & Light (FPL)	<b>PERMIT NUMBER:</b> FL0002208-016-IWB	<b>Final</b>	<b>REPORT FREQUENCY:</b> Quarterly
<b>MAILING ADDRESS:</b> 6501 S. Ocean Drive Jensen Beach, Florida 34957	<b>LIMIT:</b> MA	<b>MA</b>	<b>PROGRAM:</b> Industrial
<b>FACILITY:</b> St. Lucie Plant Units 1 and 2	<b>CLASS SIZE:</b> D-001	<b>MONITORING GROUP NUMBER:</b> D-001	
<b>LOCATION:</b> Hutchinson Island, FL	<b>MONITORING GROUP DESCRIPTION:</b> Condenser once-through cooling water and auxiliary equipment cooling water from Units 1 and 2 to the discharge canal thence the Atlantic Ocean.		
<b>COUNTY:</b> St. Lucie	<b>RE-SUBMITTED DMR:</b> <input type="checkbox"/>		
<b>OFFICE:</b> Southeast District	<b>NO DISCHARGE FROM SITE:</b> <input type="checkbox"/>	<b>MONITORING PERIOD:</b> From _____ To _____	

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as N)	Sample Measurement							
PARM Code 00610 1 Mon. Site No. EFF-2	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement							
PARM Code 00610 7 Mon. Site No. INT-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement							
PARM Code 00625 1 Mon. Site No. EFF-2	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement							
PARM Code 00625 7 Mon. Site No. INT-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement							
PARM Code 00630 1 Mon. Site No. EFF-2	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement							
PARM Code 00630 7 Mon. Site No. INT-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Nitrogen, Total	Sample Measurement							
PARM Code 00600 1 Mon. Site No. EFF-2	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DISCHARGE MONITORING REPORT - PART A (Continued)**

FACILITY: St. Lucie Power Plant Units 1 and 2

MONITORING GROUP NUMBER: D-001

PERMIT NUMBER: FL0002208-016-IWB

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total	Sample Measurement										
PARM Code 00600 7 Mon. Site No. INT-1	Permit Requirement					Report (Max.)	mg/L			Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFF-2	Permit Requirement					Report (Max.)	mg/L			Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 7 Mon. Site No. INT-1	Permit Requirement					Report (Max.)	mg/L			Quarterly	Grab
Phosphate, Ortho (as PO4)	Sample Measurement										
PARM Code 00660 1 Mon. Site No. EFF-2	Permit Requirement					Report (Max.)	mg/L			Quarterly	Grab
Phosphate, Ortho (as PO4)	Sample Measurement										
PARM Code 00660 7 Mon. Site No. INT-1	Permit Requirement					Report (Max.)	mg/L			Quarterly	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: Florida Power & Light (FPL)  
 MAILING ADDRESS: 6501 S. Ocean Drive  
 Jensen Beach, Florida 34957

PERMIT NUMBER: FL0002208-016-IWB

LIMIT: Final  
 CLASS SIZE: MA  
 MONITORING GROUP NUMBER: I-003

REPORT FREQUENCY: Monthly  
 PROGRAM: Industrial

FACILITY LOCATION: St. Lucie Plant Units 1 and 2  
 Hutchinson Island, FL

MONITORING GROUP DESCRIPTION: Liquid radiation waste discharge to the discharge canal to the Atlantic Ocean

RE-SUBMITTED DMR:

NO DISCHARGE FROM SITE:

MONITORING PERIOD From: \_\_\_\_\_ To \_\_\_\_\_

COUNTY OFFICE: St. Lucie  
 Southeast District

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Day. Max.)							
Flow	Permit Requirement			MGD					Per batch of process	Calculated
PARM Code 50050 P Mon. Site No. OUI-1	Sample Measurement									
Solids, Total Suspended	Permit Requirement				30.0 (Mo. Avg.)	100.0 (Day. Max.)	mg/L		Per batch of process	Grab
PARM Code 00530 P Mon. Site No. OUI-1	Sample Measurement									
	Permit Requirement									

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

<b>PERMITTEE NAME:</b>	Florida Power & Light (FPL)	<b>PERMIT NUMBER:</b>	FL0002208-016-IWB		
<b>MAILING ADDRESS:</b>	6501 S. Ocean Drive Jensen Beach, Florida 34957	<b>LIMIT:</b>	Final	<b>REPORT FREQUENCY</b>	Annually
<b>FACILITY:</b>	St. Lucie Plant Units 1 and 2	<b>CLASS SIZE:</b>	MA	<b>PROGRAM:</b>	Industrial
<b>LOCATION:</b>	Hutchinson Island, FL	<b>MONITORING GROUP NUMBER:</b>	I-003	<b>MONITORING GROUP DESCRIPTION:</b> Liquid radiation waste discharge to the discharge canal to the Atlantic Ocean.	
		<b>RE-SUBMITTED DMR:</b>	<input type="checkbox"/>		
		<b>NO DISCHARGE FROM SITE:</b>	<input type="checkbox"/>		
<b>COUNTY:</b>	St. Lucie	<b>MONITORING PERIOD</b>	From: _____	To: _____	
<b>OFFICE:</b>	Southeast District				

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Oil and Grease	Permit Requirement				15.0 (Mo Avg.)	20.0 (Day Max)	mg/L		Annually	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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



**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

<b>PERMITTEE NAME:</b>	Florida Power & Light (FPL)	<b>PERMIT NUMBER:</b>	FL0002208-016-IWB	<b>REPORT FREQUENCY</b>	Monthly
<b>MAILING ADDRESS</b>	6501 S. Ocean Drive Jensen Beach, Florida 34957	<b>LIMIT:</b>	Final	<b>PROGRAM.</b>	Industrial
<b>FACILITY:</b>	St Lucie Plant Units 1 and 2	<b>CLASS SIZE</b>	MA		
<b>LOCATION:</b>	Hutchinson Island, FL	<b>MONITORING GROUP NUMBER:</b>	I-005		
<b>COUNTY:</b>	St Lucie	<b>MONITORING GROUP DESCRIPTION:</b>	Steam generator blowdown to the discharge canal to the Atlantic Ocean.		
<b>OFFICE:</b>	Southeast District	<b>RE-SUBMITTED DMR:</b>	<input type="checkbox"/>		
		<b>NO DISCHARGE FROM SITE:</b>	<input type="checkbox"/>		
		<b>MONITORING PERIOD</b>	From: _____	To: _____	

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Day Max.)							
Flow	Sample Measurement									
PARM Code 50050 P Mon. Site No. OUI-2	Permit Requirement			MGD					Weekly, when discharging	Calculated
Oil and Grease	Sample Measurement									
PARM Code 00556 P Mon. Site No. OUI-2	Permit Requirement				15.0 (Mo. Avg.)	20.0 (Day Max.)	mg/L		Weekly, when discharging	Grab
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. OUI-2	Permit Requirement				30.0 (Mo. Avg.)	100.0 (Day Max.)	mg/L		Weekly, when discharging	Grab
Hydrazine	Sample Measurement									
PARM Code 81313 I Mon. Site No. EFF-2	Permit Requirement					0.30 <sup>1</sup> (Day Max.)	mg/L		Weekly, when discharging	Grab
Carbohydrazide	Sample Measurement									
PARM Code 61916 I Mon. Site No. EFF-2	Permit Requirement					Report <sup>2</sup> (Day Max.)	mg/L		Weekly, when discharging	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

<sup>1</sup> See Permit Condition I.B.7 for how to calculate the Hydrazine concentration at EFF-2.  
<sup>2</sup> See Permit Condition I B 7 for how to calculate the Carbohydrazide concentration at EFF-2.

**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: Florida Power & Light (FPL)  
 MAILING ADDRESS: 6501 S Ocean Drive  
 Jensen Beach, Florida 34957

PERMIT NUMBER: FL0002208-016-IWB

LIMIT: Final  
 CLASS SIZE: MA  
 MONITORING GROUP NUMBER: I-008  
 MONITORING GROUP DESCRIPTION: Evaporation percolation basin-industrial related stormwater to the intake canal.  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:   
 MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

REPORT FREQUENCY: Monthly  
 PROGRAM: Industrial

FACILITY: St Lucie Plant Units 1 and 2  
 LOCATION: Hutchinson Island, FL

COUNTY: St Lucie  
 OFFICE: Southeast District

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Day. Max.)							
Flow	Permit Requirement			MGD					Weekly, when discharging	Calculated
PARM Code 50050 P Mon. Site No. OUI-5	Permit Requirement									
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. OUI-5	Permit Requirement				30.0 (Mo. Avg.)	100.0 (Day. Max.)	mg/L		Weekly, when discharging	Grab
Oil and Grease	Sample Measurement									
PARM Code 00556 P Mon. Site No. OUI-5	Permit Requirement				15.0 (Mo. Avg.)	20.0 (Day. Max.)	mg/L		Weekly, when discharging	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

<b>PERMITTEE NAME:</b> Florida Power & Light (FPL)	<b>PERMIT NUMBER:</b> FL0002208-016-IWB
<b>MAILING ADDRESS:</b> 6501 S Ocean Drive Jensen Beach, Florida 34957	<b>LIMIT:</b> Final
<b>FACILITY LOCATION:</b> St. Lucie Plant Units 1 and 2 Hutchinson Island, FL	<b>CLASS SIZE:</b> MA
<b>COUNTY OFFICE:</b> St. Lucie Southeast District	<b>MONITORING GROUP NUMBER:</b> 1-009
	<b>MONITORING GROUP DESCRIPTION:</b> Emergency Condensate and Component Cooling Water Pit Stormwater Discharge.
	<b>RE-SUBMITTED DMR:</b> <input type="checkbox"/>
	<b>NO DISCHARGE FROM SITE:</b> <input type="checkbox"/>
	<b>MONITORING PERIOD:</b> From: _____ To: _____
	<b>REPORT FREQUENCY:</b> Annually
	<b>PROGRAM:</b> Industrial

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Day Max.)	Report (Mo. Avg.)		(Mo. Avg.)	(Day Max.)				
Flow	Sample Measurement									
PARM Code 50050 P Mon. Site No. OUI-6	Permit Requirement			MGD					Per discharge	Calculated
Oil and Grease	Sample Measurement									
PARM Code 00556 P Mon. Site No. OUI-6	Permit Requirement				15.0 (Mo. Avg.)	20.0 (Day Max.)	mg/L		Per discharge	Grab
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. OUI-6	Permit Requirement				30.0 (Mo. Avg.)	100.0 (Day Max.)	mg/L		Per discharge	Grab
pH	Sample Measurement									
PARM Code 00400 P Mon. Site No. OUI-6	Permit Requirement				6.0 (Day Min.)	9.0 (Day Max.)	s.u.		Per discharge	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

PERMITTEE NAME: Florida Power & Light (FPL)  
 MAILING ADDRESS: 6501 S. Ocean Drive  
 Jensen Beach, Florida 34957

PERMIT NUMBER: FL0002208-016-IWB

LIMIT: Final  
 CLASS SIZE: MA  
 MONITORING GROUP NUMBER: I-06B  
 MONITORING GROUP DESCRIPTION: Former oil storage area industrial related storm water to the intake canal.  
 RE-SUBMITTED DMR:   
 NO DISCHARGE FROM SITE:

REPORT FREQUENCY: Annually  
 PROGRAM: Industrial

FACILITY LOCATION: St. Lucie Plant Units 1 and 2  
 Hutchinson Island, FL

COUNTY: St. Lucie  
 OFFICE: Southeast District

MONITORING PERIOD From: \_\_\_\_\_ To: \_\_\_\_\_

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Day Max.)		Report (Day Max.)	Report (Day Max.)				
Flow	Sample Measurement									
PARM Code 50050 P Mon. Site No. OUI-3	Permit Requirement			MGD					Annually	Calculated
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. OUI-3	Permit Requirement				Report (Day Max.)		mg/L		Annually	Grab
Oil and Grease	Sample Measurement									
PARM Code 00556 P Mon. Site No. OUI-3	Permit Requirement				Report (Day Max.)		mg/L		Annually	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

<b>PERMITTEE NAME:</b> Florida Power & Light (FPL)	<b>PERMIT NUMBER:</b> FL0002208-016-IWB
<b>MAILING ADDRESS:</b> 6501 S. Ocean Drive Jensen Beach, Florida 34957	<b>LIMIT CLASS SIZE:</b> Final MA
<b>FACILITY LOCATION:</b> St. Lucie Plant Units 1 and 2 Hutchinson Island, FL	<b>MONITORING GROUP NUMBER:</b> I-06C
<b>COUNTY OFFICE:</b> St. Lucie Southeast District	<b>MONITORING PERIOD:</b> From: _____ To: _____
	<b>REPORT FREQUENCY PROGRAM:</b> Annually Industrial
	<b>MONITORING GROUP DESCRIPTION:</b> Non-industrial related storm water to the Mangrove Impoundment 8E
	<b>RE-SUBMITTED DMR:</b> <input type="checkbox"/>
	<b>NO DISCHARGE FROM SITE:</b> <input type="checkbox"/>

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
		Report (Mo. Avg.)	Report (Day Max.)						
Flow PARM Code 50050 P Mon. Site No. OUI-4	Permit Requirement			MGD				Annually	Calculated
Oil and Grease PARM Code 00556 P Mon. Site No. OUI-4	Permit Requirement				Report (Day Max.)	mg/L		Annually	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A**

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

PERMITTEE NAME: Florida Power & Light (FPL)	PERMIT NUMBER: FL0002208-016-IWB	Final	REPORT FREQUENCY: Annually
MAILING ADDRESS: 6501 S Ocean Drive Jensen Beach, Florida 34957	LIMIT: CLASS SIZE: MA I-009	MA I-009	PROGRAM: Industrial
FACILITY LOCATION: St. Lucie Plant Units 1 and 2 Hutchinson Island, FL	MONITORING GROUP NUMBER: MONITORING GROUP DESCRIPTION: Emergency Condensate and Component Cooling Water Pit Stormwater Discharge		
COUNTY: St. Lucie	RE-SUBMITTED DMR <input type="checkbox"/>		
OFFICE: Southeast District	NO DISCHARGE FROM SITE: <input type="checkbox"/>	From: _____	To: _____
	MONITORING PERIOD		

Parameter	Sample Measurement	Quantity or Loading		Units	Quality or Concentration		Units	No Ex	Frequency of Analysis	Sample Type
		Report (Day Max.)	Report (Mo. Avg.)							
Flow	Permit Requirement			MGD					Per discharge	Calculated
Oil and Grease	Permit Requirement				15.0 (Mo. Avg.)	20.0 (Day Max.)	mg/L		Per discharge	Grab
Solids, Total Suspended	Permit Requirement				30.0 (Mo. Avg.)	100.0 (Day Max.)	mg/L		Per discharge	Grab
pH	Permit Requirement			6.0 (Day Min.)		9.0 (Day Max.)	s.u.		Per discharge	Grab

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NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

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

**INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT**

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28<sup>th</sup> of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

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

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

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

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

**PART A - DISCHARGE MONITORING REPORT (DMR)**

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

**Resubmitted DMR:** Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

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

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

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

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

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

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

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

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

**PART B - DAILY SAMPLE RESULTS**

**Monitoring Period:** Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed  
**Daily Monitoring Results:** Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.  
**Plant Staffing:** List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

**PART D - GROUND WATER MONITORING REPORT**

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

**SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES**

**Flow (Limited Wet Weather Discharge):** Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).  
**Flow (Upstream):** Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.  
**Actual Stream Dilution Ratio:** To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.  
**No. of Days the SDF > Stream Dilution Ratio:** For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (\*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "\*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.  
**CBOD<sub>5</sub>:** Enter the average CBOD<sub>5</sub> of the reclaimed water discharged during the period shown in duration of discharge.  
**TKN:** Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.  
**Actual Rainfall:** Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.  
**Rainfall During Average Rainfall Year:** On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.  
**No. of Days LWWD Activated During Calendar Year:** Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.  
**Reason for Discharge:** Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.