



Jack Long, Director
Southeast District Office

Florida Department of Environmental Protection

Southeast District Office
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Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

July 28, 2009

ELECTRONIC CORRESPONDENCE

In the Matter of an
Application for Permit by:

Mr. Dennis Coates, Executive Director
South Central Regional Wastewater
Treatment and Disposal Board
1801 N. Congress Avenue
Delray Beach, Florida 33445
Email: dcoates@scrwwtp.org

Palm Beach County
DW – South Central Regional WWTF
Application No.: FL0035980-020-DW1P/NR

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0035980 to operate the South Central Regional Wastewater Treatment Facility, located at 1801 N. Congress Ave., Delray Beach, Florida 33445, issued under Chapters 62-4, 62-620, 62-600 and 62-610 Florida Administrative Code, and Chapter 403 Florida Statutes.

Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any.

Any party to this order (permit) has the right to seek judicial review of the permit under Section 120.68, Florida Statutes, by the filing of a Notice of Appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the clerk of the Department.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Jack Long
District Director
Southeast District

JL/IAB/tp

7-28-09

FILING AND ACKNOWLEDGMENT

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


Clerk

7/28/09
Date

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on July 28, 2009 to the listed persons.


Name

7/28/09
Date

Electronic copies furnished to:

Sharon Sawicki, P.E., DEP/TLH, sharon.sawicki@dep.state.fl.us
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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

South Central Regional Wastewater
Treatment and Disposal Board

PERMIT NUMBER:

FL0035980 (Major)

PA FILE NUMBER:

FL0035980-020-DW1P-NR

ISSUANCE DATE:

July 28, 2009

EXPIRATION DATE:

July 27, 2014

RESPONSIBLE AUTHORITY:

Mr. Dennis Coates
Executive Director
1801 N. Congress Avenue
Delray Beach, FL 33445

FACILITY:

South Central Regional Wastewater Treatment Facility
1801 N. Congress Avenue
Delray Beach, FL 33445
Palm Beach County
Latitude: 26° 28' 57.35" N Longitude: 80° 05' 21.78" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.) and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. The above named permittee is hereby authorized to construct/operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TREATMENT FACILITIES:

A 24.0 MGD, Annual Average Daily Flow (AADF), 26.4 MGD Three-Month Average Daily Flow (TMADF), complete mix activated sludge process domestic wastewater treatment plant (WWTP). Biosolids are lime stabilized, meeting Class B stabilization criteria, and then land applied to permitted land application sites (note: after the Palm Beach County Biosolids Pelletization facility is completed the lime stabilization facilities will only be used for back-up). Existing High Level Disinfection treatment facilities (6 deep bed sand filters) rated at 20 MGD (peak flow), to be expanded to 35 MGD (peak flow). With the addition of 5 new deep bed sand filters, High Level Disinfection will be provided to handle all flows through the treatment plant.

DISPOSAL:

Surface Water Discharge: An existing discharge to the Atlantic Ocean (Class III Marine Waters) via ocean outfall at Discharge Location (D-001) which is approximately 5,200 feet in length and discharges at a depth of approximately 90 feet. After the deep injection well is operational, the ocean outfall shall only be used to handle peak flows during wet weather, during mechanical integrity testing of the deep injection well, or as an emergency backup disposal method. The point of discharge is located approximately at latitude 26°27'43" N, longitude 80°02'32" W.

Underground Injection: The applicant has received a permit to construct and operate a Class I deep injection well (Permit No. 0272088-001-UC, issued October 11, 2007) to discharge treated effluent receiving High Level Disinfection to Class G-IV ground water. The single injection well will be the primary disposal method, capable of disposing the annual average daily flow from the treatment plant (up to 18 MGD) and shall be used to dispose of all flows up to the hydraulic capacity of the well that cannot be delivered to the reclaimed water system. The underground injection well system U-001 is located approximately at latitude 26° 28' 46" N, longitude 80° 05' 15" W.

REUSE:

Land Application: An existing slow-rate public access reclaimed water system (R-001) consisting of golf courses, residential sites, green areas, and commercial/industrial sites.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

Ocean Outfall

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge treated secondary effluent to the Ocean Outfall (D-001). Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11:

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, in conduit or thru treatment plant	MGD	Maximum	Report	Report	-	Report (Daily Max.)	Continuous	Meter	FLW-7	See Cond.I.A.4, 9
Oxygen, Dissolved (DO)	MG/L	Minimum	-	Report (Avg)	-	Report (Min)	Daily	Grab	EFA-1	
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	0.5	Continuous	Meter	EFA-1	See Cond.I.A.6, 7
Total Residual Chlorine (For Dechlorination)	MG/L	Maximum	-	-	-	0.01	Daily	Grab	EFD-1	
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	25.0	25.0	40.0	60.0	Daily	24-hour flow proportioned composite	EFA-1	See Cond.I.A.8
Coliform, Fecal	#/100 ML	Maximum	See Permit Condition I.A.5.				Daily	Grab	EFA-1	
Enterococci	#/100 ML	Maximum	See Permit Condition I.A.10.				Daily	Grab	EFA-1	
Solids, Total Suspended	MG/L	Maximum	30.0	30.0	45.0	60.0	Daily	24-hour flow proportioned composite	EFA-1	See Cond.I.A.8
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	Meter	EFA-1	See Cond.I.A.3
Phosphorus, Total (as P)	MG/L	Maximum	Report	Report	-	Report	Daily	24-hour flow proportioned composite	EFA-1	
Phosphorus, Total (as P)	Lb/Day	Maximum	Report	Report	-	-	Daily	24-hour flow proportioned composite	EFA-1	
Nitrogen, Ammonia, Total (as N)	MG/L	Maximum	Report	Report	-	Report	Daily	24-hour flow proportioned composite	EFA-1	
Nitrogen, Ammonia, Total (as N)	Lb/Day	Maximum	Report	Report	-	-	Daily	24-hour flow proportioned composite	EFA-1	
Nitrogen, Total	MG/L	Maximum	Report	Report	-	Report	Daily	24-hour flow proportioned composite	EFA-1	
Nitrogen, Total	Lb/Day	Maximum	Report	Report	-	-	Daily	24-hour flow proportioned composite	EFA-1	
Whole Effluent Toxicity (Acute)	See Permit Condition I.A.7								EFD-1	

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

Monitoring Location Site Number	Description of Monitoring Location
EFD-1	After Dechlorination Facility
EFA-1	Chlorine Contact Tank Effluent Channel
FLW-7*	Flow meter between Dechlorination Facility and Reclaimed Water Pumps
CAL-3	Calculated Percent Removal for CBOD and TSS $\left(\frac{((\text{INF-1} - \text{EFA-1})/\text{INF-1}) \times 100}{1}\right)$

*Prior to startup of new HLD Facilities the outfall flow shall be calculated from Influent (INF-1) minus Reuse (CAL-1) minus the flow to the deep well (FLW-6)

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. [Chapter 62-601, Figure 2]
4. Meter shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
5. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of effluent sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of effluent each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. [62-600.440(4)(c), 12-24-1996]
6. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(4)(b), 12-24-1996]
7. The permittee shall comply with the following requirements to evaluate acute whole effluent toxicity of the discharge from outfall D-001.
 - a. Effluent Limitation
 - (1) Whole effluent acute toxicity shall not exceed in any "routine" test mortality greater than 50% in the 30% effluent concentration or in any "additional follow-up" test an LC50 of less than 30% effluent. [Rule 62-302.200(1), Rule 62-302.500(1)(a)4., and Rule 62-4.244(3)(c), F.A.C.]
 - b. Monitoring Frequency
 - (1) "Routine" toxicity tests shall be conducted annually, the first starting within 12 months of the last toxicity test performed before issuance of the permit, and lasting for the duration of this permit.
 - c. Test Requirements
 - (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and one test concentration of **30% final effluent**.
 - (2) Additional Follow-up Tests, if required:
 - (a) If a routine test does not meet the acute toxicity limitation in 7.a.(1) above, the permittee shall conduct three additional tests on each species indicating greater than 50% mortality in the 30% effluent concentration.
 - (b) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 50%, 30%, 12.5% and 6.25% effluent. The dilution series may be modified in the second and third tests to more accurately bracket the toxicity, such that at least two dilutions above (not to exceed 100% effluent) and two dilutions below the target toxicity and a control (0% effluent) are run. All tests shall be statistically analyzed according to the Appendices in EPA-821-R-02-012.
 - (c) The first test shall begin within two weeks of the end of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until three valid additional follow-up tests are completed.
 - (3) The permittee shall conduct 96-hour acute static renewal toxicity tests using the mysid, **Americamysis (Mysidopsis) bahia**, and the inland silverside, **Menidia beryllina**, concurrently.

- (4) All test species, procedures and quality assurance criteria used shall be in accordance with **Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms**, EPA-821-R-02-012. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct acute toxicity testing in accordance with the revised method.
- (5) The control water and dilution water used will be artificial seawater and diluted to the test salinity as described in EPA-821-R-02-012, Section 7.2.4. The test salinity shall be the salinity resulting from the mixture of 30% effluent concentration and the artificial seawater adjusted to the salinity of the receiving water at the time of sampling.

d. Sampling Requirements

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

e. Quality Assurance Requirements

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

f. Reporting Requirements

- (1) Results from "routine" tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
 - (a) Routine Test Results: If 50% or less mortality occurs in all four separate grab sample tests for the test species, ">30%" (greater than 30% effluent) should be entered on the DMR for that test species. If greater than 50% mortality occurs in any of the four separate grab sample tests for the test species, "<30%" (less than 30% effluent) should be entered.
 - (b) Additional Follow-up Test Results: Report the calculated LC50 value for that test species.
- (2) A bioassay laboratory report for the routine test shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days of the completion of the test.
- (3) Results from additional follow-up tests, a single bioassay report shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation, and mailed within 45 days of completion of the third valid additional follow-up test. If any additional follow-up test or two consecutive routine tests do not meet the effluent limitation in 7.a.(1) above, the permittee shall contact the Department within 30 days of the laboratory report submittal to discuss the corrective actions necessary to remedy the observed acute toxicity.
- (4) All bioassay reports shall be sent to:
Florida Department of Environmental Protection
Southeast District Office
400 North Congress Avenue Suite 200
West Palm Beach, Florida 33401

8. In addition to the specified limits, the monthly average effluent CBOD₅ and TSS concentrations shall not exceed 15 percent of the respective influent values (i.e. 85 percent removal). The % removal shall be reported on a Discharge Monitoring Report (DMR). [62-600.420(1)(b)2]

9. After the proposed deep injection well commences operation, the ocean outfall shall only be used as a backup disposal method during peak wet-weather flows when the injection well capacity has been reached, mechanical integrity testing of the injection well, or as an emergency backup.
10. The monthly geometric mean of the Enterococci values shall not exceed 35 per 100 mL of sample. The Environmental Protection Agency adopted the Enterococci standard of 35/100 mL, monthly geometric mean, for marine waters on December 16, 2004. The State of Florida has not adopted the standard as yet, but the new criteria must be included in all NPDES permits issued after the federal rule was adopted. At the time of permit issuance EPA was re-evaluating the standard. If the standard is revised, the permit may be re-opened to reflect any rule revisions.

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Delaire Country Club

11. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized an intermittent discharge of reclaimed water, diluted with stormwater and ground water from Outfall D-002 to the L-8 Canal. The Delaire Golf Course – Blue Lake 2 stormwater lake (MSSW) system is used for storage of reclaimed water. Such discharge shall be limited and monitored by the permittee as specified below:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Reclaimed Water Flow - Into MSSW Blue Lake 2 Delaire CC	mgd	Maximum	Report	Report	-	-	Continuous	Meter	PPI-02	See I.A.12, 13, 15
Flow - Out of MSSW Blue Lake 2 Delaire CC	# days	N/A	-	Report (# Days)	-	-	Each Occurrence	Visual	STM-03	See I.A.14, 16

12. Reclaimed water flow measurements shall be taken at the monitoring site location listed in Permit Condition I.A.11. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-02	Reclaimed Water Metering Facility located near the southeast corner of Blue Lake 2.

13. Reclaimed water flow into Delaire Golf Course – Blue Lake 2 will be maintained at an elevation at least 0.1 ft below the invert of the bleeder at the Control Structure at Blue Lake 2. Discharge of reclaimed water to the pond shall be ceased when the operational level in the lake as given below is reached.

Monitoring Location Site Number	Operational Level	Description of Monitoring Location MSSW Discharge Structures
STM-02	8.4 ft	Water level sensor in stilling well at Blue Lake 2.

14. The reclaimed water/stormwater flow from Delaire Golf Course – Blue Lake 2 (over the weir) shall be reported monthly to the Department as specified in I.6., at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-03	9.5 ft	Control Structure at Blue Lake 2

B. Underground Injection Control Systems

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent to Underground Injection Well Facility U-001 located at the wastewater treatment plant site. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11:

			Effluent Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	Report	Report	-	Report*	Continuous	Recording flow meters and totalizers	FLW-6	See Cond.I.B.4
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	20.0	30.0	45.0	60.0	Daily	24-hour flow proportioned composite	EFA-1	
Coliform, Fecal	#/100M L	Maximum	See Permit Condition I.C.4				Daily	Grab	EFA-1	
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	1.0	Daily	Grab	EFA-1	
Solids, Total Suspended	MG/L	Maximum	Report	Report	-	5.0	Daily	Grab or 24-hour flow proportioned composite	EFB-1	
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	Meter	EFA-1	See Cond.I.B.3

*The maximum rated capacity of the deep injection well is given as 18.65 MGD, peak hourly flow in UIC Permit No. 0272088-001-UC, issued October 11, 2007.

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

Monitoring Location Site Number	Description of Monitoring Location
FLW-6	Flow Meter at Injection Well Pump
EFB-1	Filtered effluent clear well prior to chlorination
EFA-1	Chlorine contact tank effluent channel

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2]*
4. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
5. To minimize the use of the ocean outfall during Mechanical Integrity Tests (MITs) on the deep injection well, the permittee shall schedule MITs during the “dry season” months, from January through April.

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C. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, to on-site or off-site public access irrigation	MGD	Maximum	Report	Report	-	Report	Continuous	Flow meters	CAL-1	See Cond.I.C.3
Turbidity	NTU	Maximum	See Permit Condition I.C.6.				Continuous	Turbidity Meter with 24-hr Recording Chart	EFA-1	
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	1.0	Continuous	TRC Meter with 24-hr Recording Chart	EFA-1	See Cond.I.C.5
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	pH Meter with 24-hr Recording Chart	EFA-1	
Coliform, Fecal	#/100M L	Maximum	See Permit Condition I.C.4.				Daily	Grab	EFA-1	
Solids, Total Suspended	MG/L	Maximum	-	-	-	5.0	Daily	Grab	EFA-1	
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	20	30	45	60	Daily	24-hour flow proportioned composite	EFA-1	
Phosphorus, Total (as P)	MG/L	Maximum	-	Report	-	Report	Weekly	Grab	EFA-1	
Nitrogen, Total (as N)	MG/L	Maximum	-	Report	-	Report	Weekly	Grab	EFA-1	
Giardia	cysts/100 L	Maximum				Report	Once every two years	Grab	EFA-1	See Cond. I. C. 7.
Cryptosporidium	cysts/100 L	Maximum				Report	Once every two years	Grab	EFA-1	See Cond. I. C. 7.

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

Monitoring Location Site Number	Description of Monitoring Location
CAL-1	Calculated sum of Reclaimed Water pumps (FLW-3, FLW-4 and FLW-5)
EFA-1	Chlorine contact tank effluent channel
EFB-1	Filtered effluent prior to chlorination
FLW-3	Reclaimed Water Distribution Pump to Delray Beach
FLW-4	Reclaimed Water Distribution Pump to Boynton Beach
FLW-5	On-site Reclaimed Water Distribution Pump

3. Flow meters shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
4. Over a 30-day period, at least 75 percent of the fecal coliform values shall be below the detection limits. No sample shall exceed 25 fecal coliforms per 100 mL. No sample shall exceed 5.0 mg/L of total suspended solids (TSS) at a point before the application of the disinfectant. Note: To report the “% less than detection,” count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
5. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2)]*
6. The maximum turbidity shall be limited as described in the approved operating protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2)]*
7. Intervals between sampling for Giardia and Cryptosporidium shall not exceed once in two years. Sampling results shall be reported on DEP Form 62-610.300(4)(a)4 to the Department’s Southeast District Office and to DEP’s Reuse Coordinator in Tallahassee. The analytical methods used shall be included when reporting this data. *[62-610.463(4), 08-08-1999]*

D. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11:

			Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	24	Report	-	-	Continuous	Recording flow meters and totalizers	CAL-2	See Cond.I.D.3, 4, 5
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	-	Report	-	-	Daily	24-hour flow proportioned composite	INF-1	See Cond.I.D.4
Solids, Total Suspended	MG/L	Maximum	-	Report	-	-	Daily	24-hour flow proportioned composite	INF-1	See Cond.I.D.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	PERCENT	Maximum	-	Report	-	-	Monthly	Calculated	INF-1	

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

Monitoring Location Site Number	Description of Monitoring Location
CAL-2	Calculated flow for Influent flow meters (FLW-1 + FLW-2)
FLW-1	Flow meter at Influent pipe from Delray Beach
FLW-2	Flow meter at Influent pipe from Boynton Beach
INF-1	Headworks

3. The three-month average daily flow to the treatment plant shall not exceed 26.4 MGD.
4. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-601.500(4)]
5. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. [62-601.200(17) and .500(6)]
6. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: ocean outfall. The operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6) and 62-610.463(2)]
7. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. [62-610.463(2) & .865(8)(d)]
8. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6)]
9. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled “Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water” is available at:

<http://www.dep.state.fl.us/labs/guidance/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:

- 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;
- 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 a MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
- 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.

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 criteria, if any, stated

in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is in accordance with 40 CFR 136. [62-4.246, 62-160]

10. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
11. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type	Monitoring Period	Due Date
Monthly or Toxicity	first day of month – last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

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

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

12. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-620.910(15), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted in lieu of the report. The annual reclaimed water or effluent analysis report or the certification shall be completed and submitted in a timely manner so as to be received by the Department by January 31 of each year. [62-601.300(4)][62-601.500(3)]
13. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. [62-610.870(3)]
14. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. [62-610.464(5)]

15. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

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

Phone Number - (561) 681-6600
FAX Number - (561) 681-6760

All FAX copies shall be followed by original copies. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is land application, disposal in a Class I or II solid waste landfill, or transport to the Palm Beach County Solid Waste Authority Compost or Biosolids Pelletization facilities (at the time of permit issuance the Pelletization Facility was under construction).
- a) 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)]
- b) 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	4. Signature of Hauler
Management Facility or Treatment Facility	5. Signature of Responsible Party at Residuals
5. Signature of Responsible Party at Source Facility	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)]

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 applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]

5. 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]
6. The domestic wastewater residuals for this facility are classified as Class B.
7. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(3) (Use of PSRP - Lime Stabilization) of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(1)(b)]
8. 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)]
9. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(8)]
10. The permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every two (2) months. All samples shall be representative of the residuals used or land applied and shall be taken after final treatment of the residuals but before use or land application. The permittee is not responsible for sampling when residuals are transported to a Residuals Management Facility for final treatment, e.g Palm Beach County Solid Waste Authority Compost or Biosolids Pelletization facilities. If during any two-month period the permittee has to use backup land application sites listed in the permit (see table in Section II.27.), the permittee must sample the residuals and report the results to the Department.

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

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

11. Residuals samples shall be taken at the monitoring site locations described below:

Monitoring Location Site Number	Description of Monitoring Location
RMP-B	Dewatering centrifuge prior to truck loading

12. 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)]
13. 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)]
14. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. [62-640.650(1)(f)]
15. 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)]
16. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. [62-640.600(3)(b)]
17. Plant nursery use of Class B residuals is limited to plants which will not be sold to the public for 12 months after the last application of residuals. [62-640.600(3)(b)1.]
18. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. [62-640.600(3)(b)2.]
19. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. [62-640.600(3)(b)6.]
20. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. [62-640.600(3)(b)3.]
21. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. [62-640.600(3)(b)4.]
22. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. [62-640.600(3)(b)5.]
23. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. [62-640.600(3)(b)7.]
24. Sod which will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. [62-640.600(3)(b)8.]
25. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. [62-640.600(3)(b)]
26. Residuals that do not meet the requirements of Chapter 62-640, F.A.C., for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. [62-640.400(7)]

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

Application Site Number	Site Name	Application Area (acres)	County
FLA331554	Scott 2000 Grove	1631	Indian river
FLA331503	E & B Grove	645	Indian river
FLA331546	Richardson Grove	929	Indian river
FLA331473	Cecil Whaley Ranch	2017	Osceola
FLA617903	Hayman Ranch	3015	Osceola
FLA626040	Flying L Ranch	614	Indian River

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

- The permittee notifies the Department within 24 hours that the site is being used;
- The site meets the site use restrictions of Rule 62-640.600(3), F.A.C, and the criteria for land application of residuals in Rule 62-640.700, F.A.C.;
- The permittee submits a new or revised Agricultural Use Plan for the site with a permit application in accordance with Rule 62-640.300(2), F.A.C., within 30 days of beginning use of the site;
- The permittee does not have another approved land application site, another approved disposal method (e.g. landfilling or incineration), or approved storage facilities available for use; and,
- The permittee demonstrates during permit application that application of additional residuals to an existing approved application site would have resulted in violation of Department rules, or was not possible due to circumstances beyond the permittee's control.

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

- Residuals application rates are limited to agronomic rates based on the site vegetation as identified in the Agricultural Use Plan. *[62-640.750(2)]*
- Residuals shall be applied with appropriate techniques and equipment to assure uniform application over the application zone. *[62-640.700(2)(c)]*
- The spraying of liquid domestic wastewater residuals shall be conducted so that the formation of aerosols is minimized. *[62-640.700(2)(d)]*
- Residuals storage facilities at land application sites shall be subject to applicable setback requirements for residuals application sites. Residuals stored at land application sites shall be stored in a manner that will not cause runoff or seepage from the residuals, objectionable odors, or vector attraction. Storage areas must be fenced or otherwise provided with appropriate features to discourage the entry of animals and unauthorized persons. At the time of application, the stored residuals must meet the parameter concentrations, pathogen and vector attraction reduction requirements, and cumulative application limits of this permit. Residuals storage facilities at land application sites may be used only for temporary storage of stabilized residuals for no more than 30 days during periods of inclement weather or to accommodate agricultural operations, or up to the period (not to exceed two years) specified in the Agricultural Use Plan. *[62-640.700(2)(e)]*
- Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f)]*
- 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)]*

34. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five years:
- a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone;
 - e. Cumulative loading of each application zone;
 - f. The names of all other wastewater facilities using each of the application zones identified in item c.;
 - g. Method of incorporation (if any);
 - h. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - i. Unsaturated depth of soil above the water table level at the time of application;
 - j. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - k. The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.

[62-640.650(2)]

35. 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)]*
36. 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)]*
37. 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)]*
38. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. *[62-640.700(7)(a)]*
39. 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]*
40. 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)]*
41. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4)]*

III. GROUND WATER REQUIREMENTS

Construction Requirements

Not applicable to this facility.

Operational Requirements

- 1. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4)]*
- 2. The permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. *[62-522.600(3) and (5)]*.

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

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-1 (MW-411)	Country Club of Florida	10-16	Surficial	Existing

MWB = Background; MWI = Intermediate; MWC = Compliance

[62-522.600][62-610.463]

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III. 4:

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency
Water Level Relative to MSL	Report	ft, NGVD	Grab	Quarterly
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Quarterly
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Quarterly
Chloride (as Cl)	250	mg/L	Grab	Quarterly
Coliform, Fecal	4	#/100mL	Grab	Quarterly
pH	6.5 – 8.5	s.u.	Grab	Quarterly
Sulfate, Dissolved	250	mg/L	Grab	Quarterly

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

6. If the concentration for any constituent listed in Permit Condition III. 5. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative natural background quality shall be the prevailing standard. [62-520.420(2)]
7. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.463(3)(a),]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5)]
9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Southeast District Office as being more representative of ground water conditions. [62-520.300(9)]
10. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18)]
11. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). For reuse or land application projects, results shall be submitted with the DMR for each month listed in the following schedule. The submitted results shall be for each year during the period of operation allowed by this permit in accordance with Permit Condition I.D.11. [62-522.600(10) and (11)(b)] [62-601.300(3), 62.601.700, and Figure 3 of 62-601] [62-620.610(18)]

SAMPLE PERIOD	REPORT DUE DATE
January 1 - March 31	April 28
April 1 – June 30	July 28
July 1 – September 30	October 28
October 1 – December 31	January 28

12. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Southeast District Office immediately and a written report shall follow within seven days detailing the

circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Southeast District Office. [62-522.600][62-4.070(3)]

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

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part III Public Access System(s) (R-001)

1. Use of reclaimed water is authorized within the general service of the utility. The following uses of reclaimed water are authorized within this general service area: golf course irrigation, residential, commercial/industrial, parks and miscellaneous green areas. [62-620.630(10)(d)]
2. This reuse system includes the following major users (i.e., using 0.1 MGD or more of reclaimed water):

User Name	User Type	Capacity (MGD)	Acreage
Country Club of Florida	Golf Course Irrigation	0.9	152
Delray Dunes Golf and Country Club	Golf Course Irrigation	0.88	110
Hunters Run Golf and Racquet Club	Golf Course Irrigation	0.5	483
Quail Ridge County Club, Inc.		1.6	160
Pine Tree Golf Courses	Golf Course Irrigation	0.8	136
Quail Ridge Property Owner's Associates	Residential	1.09	160
SCRWWTF On-Site Process Use	On-Site Public Access	1.5	40
Delaire Country Club	Golf Course Irrigation	0.65	200
The City of Delray Beach Municipal Golf Courses	Golf Course Irrigation	0.52	90
Sherwood Park Golf Course*	Golf Course Irrigation	0.23	40
The Hamlet	Golf Course Irrigation	0.69	118
Lakeview Golf Course*	Golf Course Irrigation	0.23	40
Little Club (Town of Gulf Stream)*	Golf Course Irrigation	0.17	20
Gulf Stream (Town of Gulf Stream)*	Golf Course Irrigation	0.70	120
City of Boynton Beach, Phase 1*		0.97	166
City of Delray Beach, Area 4		NA	NA
Schools		0.54	93
Selective Residential Areas		2.77	476
Commercial/Industrial		0.43	NA
Misc. Green Areas		0.55	NA
Public Parks		0.27	46

*These sites were not in use at the time of permit issuance. The other sites listed are in service.

3. New major users of reclaimed water (i.e., using 0.1 MGD or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(4)(a)1. [62-610.890]
4. Cross-connections to the potable water system are prohibited. [62-610.469(7)]
5. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. [62-610.469(7)]
6. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify the proper use of reclaimed water. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. [62-610.469(7)(h)]

7. If a cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection.
 - d. Test the affected area for other possible cross-connections.
 - e. Within 24 hours, notify the Southeast District Office's domestic wastewater and drinking water programs, and the Palm Beach County Health Department's drinking water program.
 - f. Within 5 days of discovery of a cross-connection, submit a written report to the Department detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur. *[62-555.350(3) and 62-555.360][62-620.610(20)]*
8. Maximum obtainable separation of reclaimed water lines and potable water lines shall be provided and the minimum separation distances specified in Rule 62-610.469(7), F.A.C., shall be provided. Reuse facilities shall be color coded or marked. Underground piping which is not manufactured of metal or concrete shall be color coded using Pantone Purple 522C using light stable colorants. Underground metal and concrete pipe shall be color coded or marked using purple as the predominant color. *[62-610.469(7)]*
9. In constructing reclaimed water distribution piping, the permittee shall maintain a 75-foot setback distance from a reclaimed water transmission facility to public water supply wells. No setback distances are required to other potable water supply wells or to any nonpotable water supply wells. *[62-610.471(3)]*
10. A setback distance of 75 feet shall be maintained between the edge of the wetted area and potable water supply wells, unless the utility adopts and enforces an ordinance prohibiting potable water supply wells within the reuse service area. No setback distances are required to any nonpotable water supply well, to any surface water, to any developed areas, or to any private swimming pools, hot tubs, spas, saunas, picnic tables, barbecue pits, or barbecue grills. *[62-610.471(1), (2), (5), and (7)]*
11. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
12. Low trajectory nozzles, or other means to minimize aerosol formation shall be used within 100 feet from outdoor public eating, drinking, or bathing facilities. *[62-610.471(6)]*
13. A setback distance of 100 feet shall be maintained from indoor aesthetic features using reclaimed water to adjacent indoor public eating and drinking facilities. *[62-610.471(8)]*
14. The public shall be notified of the use of reclaimed water. This shall be accomplished by posting of advisory signs in areas where reuse is practiced, notes on scorecards, or other methods. *[62-610.468(2)]*
15. All advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. *[62-610.468 & .469]*
16. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the

reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. *[62-610.468(6)]*

17. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 & 62-610.464]*
18. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Southeast District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class A facility and, at a minimum, operators with appropriate certification must be on the site as follows:

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

[62-620.630(3)] [62-699.310] [62-610.462]

2. The lead operator shall be employed at the plant full time. "Full time" shall mean at least 4 days per week, working a minimum of 35 hours per week, including leave time. A certified operator shall be on-site and in charge of each required shift and for periods of required staffing time when the lead operator is not on-site. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(10), (5) and (1)]*
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of the facility record drawings;
 - h. Copies of the licenses of the current certified operators; and

- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and certification number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities; tests performed and samples taken; and major repairs made. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed.

[62-620.350]

VI. SCHEDULES

A compliance schedule for this facility is included in the attached Order Establishing Compliance Schedule Under Section 403.088(2)(f), F.S. (Order No. AO-09-003-DW-50-SED), which is hereby incorporated by reference.

[BPJ] [62-620]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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

[62-625.400 and .500]

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

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

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

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

[62-625.600(12)]

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

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	Headworks (same as INF-1)
PRT-E	Chlorine contact tank effluent channel (same as EFA-1)
PRT-R	Dewatering centrifuge prior to truck loading (same as RMP-B)

VIII. OTHER SPECIFIC CONDITIONS

1. The newly constructed Part III reuse system shall not be placed in service for any purpose without written approval from the Department. For projects identified in the permit as being constructed in phases, written permission is only required for the first phase. Application for approval shall be made to the Department on DEP Form 62-610.300(4)(a)3, Application for Permission to Place a Public Access Reuse System in Operation. *[62-610.800(7)]*
2. Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. *[62-620.630(7)]*
3. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. *[62-620.335(1)-(4)]*
4. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. *[62-620.320(9) and 62-302.500(2)(e)][62-610.850(1)(a) and (2)(a)][62-640.700(2)(b)]*
5. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to

ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*

6. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
8. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems.*[62-604.130(5)]*
9. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-600.400(2)(b)]*
10. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
11. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. *[62-4.070(3)]*

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval

of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or

were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.*[62-620.610(17)]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.

[62-620.610(18)]

- 19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
- 20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:
 - 1. Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - 2. Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - 3. Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - 4. Any unauthorized discharge to surface or ground waters.
 - b. Oral reports as required by this subsection shall be provided as follows:
 - 1. For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
 - a) Name, address, and telephone number of person reporting;
 - b) Name, address, and telephone number of permittee or responsible person for the discharge;
 - c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - e) Estimated amount of the discharge;
 - f) Location or address of the discharge;
 - g) Source and cause of the discharge;
 - h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - i) Description of area affected by the discharge, including name of water body affected, if any; and
 - j) Other persons or agencies contacted.

2. Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX. 20 of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
 - a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
 - b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
 - d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

23. Upset Provisions
 - a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
 - b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

PERMITTEE: South Central Regional Wastewater
Treatment and Disposal Board

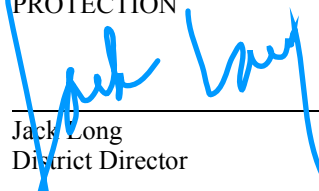
PERMIT NUMBER: FL0035980

- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL
PROTECTION



Jack Long
District Director

DATE: 7-18-09

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

PERMIT NUMBER: FL0035980 (Major)

FACILITY NAME: South Central Regional Wastewater Treatment Plant

FACILITY LOCATION: Delray Beach
Palm Beach County

NAME OF PERMITTEE: South Central Regional Wastewater Treatment and Disposal
Board (Dennis L. Coates, Executive Director)

PERMIT WRITER: Timothy W. Powell, P.E.

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date: June 13, 2005
Additional Information: August 29, 2005; November 21, 2005; February 3, 2006;
April 24, 2006; July 7, 2006; November 2, 2006
Public Notice Date: Draft Permit - April 5, 2009 (Palm Beach Post)

b. Type of Facility

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

c. Facility Capacity

Existing Design Capacity:	26.4	MGD	TMADF
Proposed Increase in Design Capacity:	0	MGD	TMADF
Proposed Total Design Capacity:	26.4	MGD	TMADF
Existing Permitted Capacity:	26.4	MGD	TMADF
Proposed Increase in Permitted Capacity:	0	MGD	TMADF
Proposed Total Permitted Capacity:	26.4	MGD	TMADF

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

Outfall Serial Number D-001

Three Month Average Daily Flow (mgd): 26.4

pH Range (Standard Units): 7.0 – 7.18

Pollutants which are present in significant quantities or which are subject to effluent or reclaimed water limitations are as follows (this data is a summary taken from Discharge Monitoring Reports over the 5-year period from July 2003 to June 2008):

Parameters	Reported Data		
	Average	Minimum	Maximum
CBOD % Removal (Mo. Avg.)	94.6	90.8	97.3
CBOD, Mo. Max. (mg/L)	18.8	10.4	33.3
CBOD, Mo. Avg. (mg/L)	9.6	3.9	15.2
TSS % Removal (Mo. Avg.)	94.8	87.4	97.5
TSS, Mo. Max. (mg/L)	29.7	10.0	90.0
TSS, Mo. Avg. (mg/L)	10.7	5.4	18.5
Fecal Coliform (#/100ml)	2	-	234
NO2/NO3, as N (mg/L)	3.8	-	14.0
NO2/NO3, as N (lb/day)	407	-	-
NH4, as N (mg/L)	11.2	-	23.2
NH4, as N (lb/day)	1158	-	-
Total N (mg/L)	17.6	-	30.2
Total N (lb/day)	1823	-	-
Total P (mg/L)	1.5	-	6.9
Total P (lb/day)	148	-	-
pH	-	6.0	8.5
TRC, before dechlorination (mg/L)	-	0.5	-
TRC, after dechlorination (mg/L)	0.01	-	-
Whole Effluent Toxicity (% effluent)	> 30 percent effluent		

Outfall Serial Number D-002

This is an intermittent discharge of reclaimed water diluted with stormwater and ground water from a stormwater lake (MSSW) at Delaire Country Club Golf Course. The lake is used for storage of reclaimed water and discharges only during wet weather at the control structure weir set at 9.5 ft (NGVD). There are no effluent limits for this outfall. Use of the MSSW lake for reclaimed water storage is governed by the Department's Technology Based Effluent Limit (TBEL) guideline (Program Guidance Memo DOM-96-01), which allows reclaimed water to be discharged into the lake up to the control elevation, minus a safety freeboard of 0.1 ft. In this case the control elevation (bleeder invert) is 8.5 ft (NGVD), so the operational level above which reclaimed water may not be discharged to the lake is 8.4 ft.

2. BASIS FOR EFFLUENT AND RECLAIMED WATER LIMITS AND MONITORING REQUIREMENTS (INCLUDING EFFLUENT MONITORING REQUIREMENTS)

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

Outfall D-001 (Class I):

Parameter	Limit	Basis	Rationale
Total Residual Chlorine (For Disinfection) (MG/L)	0.5	Minimum	62-600.440(5)(b) FAC
BOD, Carbonaceous 5 day, 20C (MG/L)	25 25 40 60	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.420(1)(b)2. & .740(1)(b)4. FAC, 62-620.625(5) FAC & 40 CFR 133.102(a)(4) 62-620.625(5) FAC & 40 CFR 133.102(a)(4)(i) 62-620.625(5) FAC & 40 CFR 133.102(a)(4) 62-600.740(1)(b)1.d. FAC
Total Residual Chlorine (For Dechlorination) (MG/L)	0.01	Single Sample Max.	62-600.440(2) FAC & 62-302.530(19) FAC
Flow, in conduit or thru treatment plant (MGD)	24.0 Report 26.4	Annual Average Monthly Average Three Month Average	62-601.200 62-601 FAC 62-600.400(3)(b) FAC
Whole Effluent Toxicity (Acute) (% effluent)	30	Single Sample Min.	62-302.200(1), 62-302.500(1)(a)4 & 62-4.244(3)(c) FAC
Solids, Total Suspended (MG/L)	30 30 45 60	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.420(1)(b) 2. & .740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC 62-600.440(5)(f)3. FAC
pH (SU)	6.0 to 8.5	Minimum and Maximum	62-302.530(52) FAC
Dissolved Oxygen (MG/L)	Report	Monthly Avg. and Single Sample Min.	62-4.244(3)(a) & (c) FAC
Phosphorus, Total (as P) (MG/L)	Report	Annual Average	62-302.530(47)(b) FAC
Nitrogen, Ammonia, Total (as N) (MG/L)	Report	Single Sample Max.	62-302.530(47)(b) FAC
Nitrogen, Total (MG/L)	Report	Single Sample Max.	62-302.530(47)(b) FAC

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

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

Parameter	Limit	Basis	Rationale
Flow (MGD)	Report Report 18.65	Annual Average Monthly Average Peak Hourly Flow	62-601FAC 62-601FAC UIC Permit 0272088-001-UC

Parameter	Limit	Basis	Rationale
BOD, Carbonaceous 5 day, 20C (MG/L)	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.540(1) & 62-600.740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC 62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (MG/L)	Report Report N/A 5.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-600.540(1) & 62-600.740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC 62-600.440(5) & 62-528.450(2)(f)3. FAC
pH (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC

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

Land Application System R-001 (slow-rate public access):

Parameter	Limit	Basis	Rationale
Total Residual Chlorine (For Disinfection) (MG/L)	1.0	Minimum	62-600.440(5)(b), 62-610.460(2), & 62-610.463(2) FAC
pH (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC
Solids, Total Suspended (MG/L)	5.0	Single Sample Max.	62-610.460(1) & 62-600.440(5)(f)3. FAC
BOD, Carbonaceous 5 day, 20C (MG/L)	20 30 45 60	Annual Average Monthly Average Weekly Average Single Sample Max.	62-610.460 & 62-600.740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC 62-600.740(1)(b)1.d. FAC
Flow, in conduit or thru treatment plant (MGD)	20 4.0	Annual Average Annual Average	62-600.400(3)(b) FAC 62-600.400(3)(b) FAC

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

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
Flow (MGD)	26.4	Three Month Average	62-600.400(3)(b)FAC
Flow, in conduit or thru treatment plant (MGD)	24	Annual Average	62-600.400(3)(b)FAC 62-600.400(3)(b)FAC
BOD, Carbonaceous 5 day, 20C (MG/L)	Report	Monthly Average	62-601.300(1)FAC
Solids, Total Suspended (MG/L)	Report	Monthly Average	62-601.300(1)FAC

Parameter	Limit	Basis	Rationale
Percent Capacity, (TMADF/Permitted Capacity) x 100 (PERCENT)	Report	Monthly Average	62-600.405(4) FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62- 610.568, 62-610.613 FAC and/or BPJ of permit writer

3. RESIDUALS MANAGEMENT

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

See the table below for the rationale for the Class B residuals limits and monitoring requirements.

Parameter		Basis for Limit/Monitoring Requirement
Total Nitrogen, % dry weight	Report	62-640.650(1)(b) FAC
Total Phosphorus, % dry weight	Report	62-640.650(1)(b) FAC
Total Potassium, % dry weight	Report	62-640.650(1)(b) FAC
Arsenic, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), FAC
Cadmium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Copper, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Lead, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Mercury, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Molybdenum, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Nickel, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Selenium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
Zinc, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1) FAC
pH, std. units	Report	62-640.650(1)(b) FAC
Total Solids, %	Report	62-640.650(1)(b) FAC
Nitrogen, lb/ac/yr	Maximum	62-640.750(2)(b) FAC
Arsenic, lb/ac	Cumulative Maximum	62-640.700(3)(b)
Cadmium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Copper, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Lead, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Mercury, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Nickel, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Selenium, lb/ac	Cumulative Maximum	62-640.700(3)(b) FAC
Zinc, lb/ac	Cumulative Maximum	62-640.700(3)(b)
Monitoring Frequency	All Parameters	62-640.650 & 650(1)(c) FAC

Parameter		Basis for Limit/Monitoring Requirement
Pathogen and vector attraction reduction monitoring	All Parameters	62-640.600 & 650(1)(a) FAC
Additional parameters as determined necessary	All Parameters	62-640.650(1)(b)

Two residuals land application sites, the Adams Ranch and Lightsey Cattle Co. sites have been eliminated from the list of sites approved for land spreading as given in the Draft Permit, as they lie within the Lower and Upper Kissimmee River Basins watersheds respectively. Section 373.4595(3)(c)6.a. prohibits landspreading of residuals within these watersheds after December 31, 2007, unless the applicant can affirmatively demonstrate that the phosphorus in the residuals will not add to phosphorus loadings in Lake Okeechobee or its tributaries. Such demonstration shall be based on achieving a net balance between phosphorus imports relative to exports on the permitted application site. Exports shall include only phosphorus removed from the Lake Okeechobee watershed through products generated on the permitted application site. The applicant has not demonstrated the net phosphorus balance required by the statute. This prohibition does not apply to Class AA residuals that are marketed and distributed as fertilizer products in accordance with department rule.

The Permittee, together with other participating Palm Beach County utilities, anticipates transporting its residuals to the Solid Waste Authority of Palm Beach County's Biosolids Pelletization Facility, which at the time of permit issuance, was under construction.

4. GROUND WATER MONITORING REQUIREMENTS

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

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

This section is not applicable to this facility

6. INDUSTRIAL PRETREATMENT REQUIREMENTS

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

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

This permit is accompanied by an AO, which provides for a schedule to phase out the use of the ocean outfall as the primary disposal method. The permittee has received a permit for construction/operation of a deep injection well from the Department, which will replace the outfall as the primary effluent disposal method when it becomes operational, currently scheduled for early 2009. After the deep well is fully operational, the outfall will only be used during peak wet weather events, during mechanical integrity testing of the deep well (usually about one week every five years), or as an emergency back-up. The deep well is rated at 18 MGD. The Annual Reuse Report submitted to the Department for 2008 stated that the outfall averaged 11.46 MGD flow to the ocean. In October 2006, the permittee provided an analysis over 1004 consecutive days that showed the peak day flows exceeded 18 MGD on 34 days, most of which occurred during Hurricanes Francis, Jeane or Wilma, or about 3.4 percent of the time. As the reclaimed water system is expanded as planned, even less reliance on the outfall can be expected.

8. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

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

The new permit has considerably reduced effluent monitoring requirements since the ocean outfall is planned to be phased out as the primary means of disposal in early 2009. Routine sampling of metals has been discontinued, except for the annual scans required for the reclaimed water, since previous sampling has shown compliance with all applicable criteria and there are few industrial users within the utility's service area. Effluent toxicity testing has been reduced to once every 12 months.

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

This section is not applicable to this facility

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

Currently, the Department has no definitive information that demonstrates the discharge to be potentially threatening to any threatened or endangered species. A newly designated threatened species, *Acropora cervicornis* (Staghorn coral), has been located downstream of the outfall (about one mile north) on the Gulfstream Reef. Since the permittee has committed to an alternative disposal method (deep injection well) and the outfall will be used only on a very limited basis, the Department has determined that no additional studies are necessary at this time.

12. APPLICABLE RULES

The following were used as the basis of the permit limitations/conditions:

- a. FAC refers to various portions of the Florida Administrative Code.

The effective dates of FAC Rule Chapters cited in the table are as follows:

<u>Chapter</u>	<u>Effective Date</u>
62-4	05-01-03
62-160	04-09-02
62-302	05-15-02
62-520	12-09-96
62-522	08-27-01
62-550	05-28-03
62-600	12-24-96
62-601	12-24-96
62-602	02-06-02
62-610	08-08-99
62-620	08-25-03
62-625	01-08-97
62-640	03-30-98
62-650	12-26-96
62-699	07-05-01

- b. FS refers to various portions of the Florida Statutes

- c. CFR refers to various portions of the Code of Federal Regulations, Title 40

- d. BPJ refers to Best Professional Judgment

13. DEPARTMENT CONTACT

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

Timothy W. Powell, P.E.
Wastewater Permitting Supervisor
Department's Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, FL, FL 33401
Telephone Number: (561) 681-6684
Fax Number: (561) 681-6760

14. THE ADMINISTRATIVE RECORD

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

15. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft permit to Applicant and EPA :	March 30, 2009
Public Notice of Draft Permit:	April 6, 2009
Beginning of Proposed Public Comment Period :	March 30, 2009
Public Meeting on Draft Permit	May 12, 2009
End of Proposed Public Comment Period :	May 12, 2009
Notice of Intent to Issue (amended):	June 12, 2009
Proposed Issuance Date of Permit (amended):	July 13, 2009

16. ADDENDUM TO FACT SHEET AT THE TIME OF INTENT TO ISSUE

The Notice of Draft Permit was issued on March 30, 2009. The Notice was published in the Palm Beach Post on April 5, 2009. A public meeting was held at Delray Beach Environmental Services office on May 14, 2009. The end of the public comment period was May 15, 2009. Following are the comments received in writing and at the public meeting. Department responses are given in **bold**.

Ed Tichenor - Palm Beach County Reef Rescue

Nutrient Concentrations/Loadings – Various comments related to NOAA's monitoring plan regarding the relevance of the outfall discharge compared to the Boynton Inlet contributions. **No real changes to the permit were requested, therefore none were considered.** Mr. Tichenor was also unaware that the final NOAA report had been issued. The final report has since been provided to him.

DMR Sampling and Analysis – It was suggested that nutrient sampling be required on a daily basis, rather than weekly, for those times when the outfall must be used for backup disposal. This is because the outfall will only be used during unusually wet weather (e.g. tropical storm) or during a Mechanical Integrity Test of the deep injection well. Storm events may only last a day or two and the Mechanical Integrity Test

could be completed in less than a week. **The Department agrees that this is a reasonable request and the permit has been modified to require daily sampling for nutrients when the outfall is in use (see Section I.A.1. of the permit).**

Emergency Backup – It was suggested that the term “emergency” be defined for when the outfall can be used for backup disposal. **The Department considers an emergency as any condition which results in the temporary inability to use the deep injection well as the primary means of disposal, such as the mechanical failure of the well. Extreme wet weather such as tropical storms or hurricanes is not considered an emergency per se, although such events are out of the control of the permittee. A Mechanical Integrity Test of the deep injection well is not considered an emergency, but is a planned event that the utility must schedule once every five years.** Mr. Tichenor went on to explain (and perhaps this is the reason behind the comment) that every effort should be made to avoid using the outfall during times of coral spawning (August/September). **The Department agrees that the only *planned* use of the outfall - during a Mechanical Integrity Test of the deep injection well - can be scheduled to occur during the dry season. The reuse system is normally at its peak use during this time of year and the volume going out the outfall would be minimized. According, the permit has been revised to require Mechanical Integrity Tests to be scheduled during the months of January – April (see Section I.B.5 of the permit).**

Public Notification – It was suggested that the permittee should provide public notification when the outfall is in use. **The Department notes that for decades the outfall has been in compliance with Class III Marine water quality standards for pathogens, i.e. fecal coliform bacteria. With the expansion of the High Level Disinfection treatment system, any discharge through the outfall will have an even higher level of pathogen removal. Therefore, public notification during such events is not considered to be necessary.** The comment also mentioned public notification should be required when there is a “lack or absence of sewage treatment”. **If this were to occur, under General Conditions 20 and 23, the permittee is required to notify the Department within 24 hours. The Department would then alert the Health Department if under such circumstances pathogen criteria were exceeded and public notification was necessary.**

Threatened or Endangered Species – Additional colonies of the endangered coral species *Acropora cervicornis* (Staghorn) had been identified in the area of the outfall, contrary to what was mentioned in the Fact Sheet (only one Staghorn colony was mentioned in the Fact Sheet, about one mile north on Gulfstream Reef). It was suggested that the Department should “consult and confer” with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service when there is pending federally delegated permitting (NPDES) action. **The Department agrees, but it should be pointed out that both of these agencies were copied on the Notice of Draft Permit. When Mr. Tichenor was asked at the public meeting whether the permit should be delayed in order to identify additional Staghorn colonies in the area, he replied “no”. The Department agrees that there could be more detailed coordination with USFW and NMFS regarding Staghorn colonies located near outfalls used as the primary disposal method of effluent.**

Dan Clark – Cry of the Water

Remote Monitoring Sensor – It was suggested that a sensor be placed at the outfall end-of-pipe, which could record any discharges and report them electronically. Reference was made regarding a *Water & Wastes Digest* (Feb 2008) article regarding such a warning system. The article talks about a utility in Massachusetts that uses such a system to report Combined Sewer Overflows (CSOs) in a timely manner so that the utility can conduct water quality testing when CSOs occur in order to protect the public from swimming at nearby beaches. **The Department finds that although this type of system may be quite effective in protecting the public from CSOs (which is essentially storm water mixed with raw untreated sewage), it is not applicable to the South Central Regional outfall. The system cited in the article is for monitoring within the collection system, where such systems can be adequately operated and maintained. Regardless, all State discharge permits contain language that requires notification to the Department within 24 hours if there is an upset in the treatment system. The monitoring is done at the treatment plant.**

Emergency Backup Power – The question was raised as to whether the plant has adequate generator capacity to handle flows during extended outages. **It should be noted that Department rules require all domestic wastewater plants to be provided with an alternate source of electric power or pumping capability to allow continuity of operation during power failures. Additional generator capacity was added to the plant for the expansion of the High Level Disinfection system, recently completed.**

EPA Region IV

EPA commented that the “emergency bypass” discharge to the L-30 Canal that was identified on the first page of the draft permit, should be removed from the permit since it really is not a permitted discharge point. **The Department agrees that this wasn’t intended to be a discharge point with effluent limits and was only included for informational purposes. Accordingly, the reference to this drainage outlet was removed from the permit.**

Addition of Outfall D-002

The draft permit did not contain the D-002 discharge at the Delaire Golf Club to the L-8 Canal, which was previously permitted under a separate application (FL0035980-025-DW1P-RM) and issued January 20, 2009. This is an intermittent discharge of reclaimed water diluted with stormwater and ground water from a stormwater lake (MSSW) that is used for reclaimed water storage at the golf course. Details on the operation of the D-002 outfall are included on Page 2 of the amended Fact Sheet. **The permit has been amended to include Outfall D-002.**

Department’s Revision Requiring Nutrient Analysis of Reclaimed Water

The Department recently adopted guidelines requiring that all Domestic Wastewater Treatment Facilities with permitted capacities greater than 100,000 gallons per day located in nutrient-impaired basins to initiate monitoring for nutrients in the reclaimed water. **Accordingly, the permit has been revised to require sampling for Total Nitrogen and Total Phosphorus on a weekly basis.**

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

The Notice of Intent to Issue was issued on June 18, 2009. The Notice was published in the Palm Beach Post on June 28, 2009. No petitions for administrative hearing or requests for enlargement of time allowed were received by the Department.

Dennis Coates, Utility Director, provided comments in a June 22 letter regarding the Addendum to the Statement of Basis. He was concerned that the Department’s comments concerning “emergency” use of the outfall failed to explain that the Permittee is allowed to use the outfall when upset conditions result in the inability to meet reclaimed water standards in accordance with the approved operating protocol, e.g. turbidity setpoint based on Total Suspended Solids greater than 5 mg/L. The permit specifically allows use of the outfall under such conditions. Specific Condition I.D.6. states: “Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: ocean outfall.” The Department would like to clarify that it is not a violation of the permit to use the outfall under such conditions as long as the effluent limits under Section I.A.1. are met. No changes to the Final Permit are necessary regarding this issue.

Additionally, there were several minor corrections/typos made to the permit and/or Discharge Monitoring Reports.

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: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

MONITORING GROUP D-001
NUMBER:
MONITORING GROUP DESC: Ocean Outfall Effluent, including Influent

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐ (check box if no discharge occurred)

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, in conduit or thru treatment plant	Sample Measurement										
PARM Code 50050 P Mon.Site No. FLW-7	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Calculated
Flow, in conduit or thru treatment plant	Sample Measurement										
PARM Code 50050 Q Mon.Site No. FLW-7	Permit Requirement	Report (Mo.Avg.)	Report (Day.Max.)	MGD						Continuous	Calculated
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 Y Mon.Site No. EFA-1	Permit Requirement				Report (An.Avg.)			MG/L		Daily	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon.Site No. EFA-1	Permit Requirement				Report (Min.)			MG/L		Daily	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement										
PARM Code 50060 1 Mon.Site No. EFA-1	Permit Requirement				0.5 (Min.)			MG/L		Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement				25 (An.Avg.)			MG/L		Daily	24-hr. FPC

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: South Central Regional Wastewater Treatment Plant

MONITORING GROUP

D-001

PERMIT NUMBER: FL0035980

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon.Site No. EFA-1	Permit Requirement				25 (Mo.Avg.)	40 (Wk.Avg.)	60 (Max.)	MG/L		Daily	24-hr. FPC
Total Residual Chlorine (For Dechlorination)	Sample Measurement										
PARM Code 50060 P Mon.Site No. EFD-1	Permit Requirement				0.01 (Max.)			MG/L		Daily	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 1 Mon.Site No. EFA-1	Permit Requirement				200 (An. Avg.)			#/100ML		Daily	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 P Mon.Site No. EFA-1	Permit Requirement				200 (Mo. Geo. Mean)	400 (90 Percentile)	800 (Max.)	#/100ML		Daily	Grab
Enterococci	Sample Measurement										
PARM Code 31639 1 Mon.Site No. EFA-1	Permit Requirement				35 (Mo. Geo. Mean)			#/100ML		Daily	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement				30 (An.Avg.)			MG/L		Daily	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon.Site No. EFA-1	Permit Requirement				30 (Mo.Avg.)	45 (Wk.Avg.)	60 (Max.)	MG/L		Daily	24-hr. FPC
pH	Sample Measurement										
PARM Code 00400 1 Mon.Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon.Site No. EFA-1	Permit Requirement				Report (An.Avg.)			MG/L		Daily	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	Report (Max.)		MG/L		Daily	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP D-001

PERMIT NUMBER: FL0035980

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 P Mon.Site No. EFA-1	Permit Requirement	Report (An.Avg.)	LBS/ DAY						Daily	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement									
PARM Code 00665 Q Mon.Site No. EFA-1	Permit Requirement	Report (Mo.Avg.)	LBS/ DAY						Daily	24-hr. FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 Y Mon.Site No. EFA-1	Permit Requirement			Report (An.Avg.)			MG/L		Daily	24-hr. FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	Report (Max.)		MG/L		Daily	24-hr. FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 P Mon.Site No. EFA-1	Permit Requirement	Report (An.Avg.)	LBS/ DAY						Daily	24-hr. FPC
Nitrogen, Ammonia, Total (as N)	Sample Measurement									
PARM Code 00610 Q Mon.Site No. EFA-1	Permit Requirement	Report (Mo.Avg.)	LBS/ DAY						Daily	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 Y Mon.Site No. EFA-1	Permit Requirement			Report (An.Avg.)			MG/L		Daily	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 I Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	Report (Max.)		MG/L		Daily	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 P Mon.Site No. EFA-1	Permit Requirement	Report (An.Avg.)	LBS/ DAY						Daily	24-hr. FPC
Nitrogen, Total	Sample Measurement									
PARM Code 00600 Q Mon.Site No. EFA-1	Permit Requirement	Report (Mo.Avg.)	LBS/ DAY						Daily	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP D-001

PERMIT NUMBER: FL0035980

NUMBER:

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 G Mon.Site No. CAL-2	Permit Requirement	24 (An.Avg.)	Report (Mo.Avg.)	MGD						Continuous	Meters w/Flow Totalizers
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)			MG/L		Daily	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)			MG/L		Daily	24-hr. FPC
Percent Capacity, (TMADF/Permit Capacity) x 100	Sample Measurement										
PARM Code 00180 G Mon.Site No. INF-1	Permit Requirement				Report (Mo.Avg.)			PER-CENT		Monthly	Calculated
CBOD5, % Removal	Sample Measurement										
PARM Code 80091 K Mon.Site No. CAL-3	Permit Requirement				85 (Mo.Avg.)			PER-CENT		Monthly	Calculated
Solids, Total Suspended, % Removal	Sample Measurement										
PARM Code 81011 K Mon. Site No. CAL-3	Permit Requirement				85 (Mo.Avg.)			PER-CENT		Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Toxicity
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

MONITORING GROUP D-001
NUMBER:
MONITORING GROUP DESC:

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐ (check box if no discharge occurred)

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96HOUR ACUTE Menidia beryllina(Routine)	Sample Measurement							
PARM Code TAN6B P Mon.Site No. EFD-1	Permit Requirement			30 (Min.)	PER-CENT		Annually	
LC50 STATRE 96HOUR ACUTE Menidia beryllina(Additional)	Sample Measurement							
PARM Code TAN6B Q Mon.Site No. EFD-1	Permit Requirement			30 (Min.)	PER-CENT		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Mysidopsis bahia(Routine)	Sample Measurement							
PARM Code TAN3E P Mon.Site No. EFD-1	Permit Requirement			30 (Min.)	PER-CENT		Annually	
LC50 STATRE 96HOUR ACUTE Mysidopsis bahia(Additional)	Sample Measurement							
PARM Code TAN3E Q Mon.Site No. EFD-1	Permit Requirement			30 (Min.)	PER-CENT		As needed	As required by the permit
	Sample Measurement							
	Permit Requirement							
	Sample Measurement							
	Permit Requirement							

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

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

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

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

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: South Central Regional WWT & DB
MAILING ADDRESS: 1801 North Congress Ave
Delray, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: South Central Regional WWTF
LOCATION: 1801 North Congress Ave
Delray, FL 33445

MONITORING GROUP D-002
NUMBER:
MONITORING GROUP DESC: Delaire CC - MSSW Blue Lake 2

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐ (check box if no discharge occurred)

MONITORING PERIOD From: _____ To: _____

No Discharge Elevation: 9.5'
Receiving Water: L-8 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Blue Lake 2 Delaire CC	Sample Measurement										
PARM Code 50050 J Mon.Site No. PPI-02	Permit Requirement	Report (An.Avg.)	Report (Mo.Avg.)	MGD						Continuous	Meter
Flow out of MSSW Blue Lake 2 Delaire CC	Sample Measurement										
PARM Code 81381 P Mon.Site No. STM-03	Permit Requirement	Report (# Days)		Total # of Days						Each Occurrence	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

MONITORING GROUP R-001
NUMBER:
MONITORING GROUP DESC:

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Turbidity	Sample Measurement										
PARM Code 00070 1 Mon.Site No. EFB-1	Permit Requirement				Report (Max.)			NTU		Continuous	Meter
Total Residual Chlorine (For Disinfection)	Sample Measurement										
PARM Code 50060 1 Mon.Site No. EFA-1	Permit Requirement				1.0 (Min.)			MG/L		Continuous	Meter
pH	Sample Measurement										
PARM Code 00400 1 Mon.Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter
Coliform, Fecal	Sample Measurement										
PARM Code 74055 1 Mon.Site No. EFA-1	Permit Requirement					25 (Max.)		#/100ML		Daily	Grab
Coliform, Fecal (Percent Nondetectable)	Sample Measurement										
PARM Code 51005 1 Mon.Site No. EFA-1	Permit Requirement				75 (Min.)			Percent		Daily	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon.Site No. EFB-1	Permit Requirement				5.0 (Max.)			MG/L		Daily	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 (YY/MM/DD)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP

R-001

PERMIT NUMBER: FL0035980

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement				20 (An.Avg.)			MG/L		Daily	24-hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon.Site No. EFA-1	Permit Requirement				30 (Mo.Avg.)	45 (Wk.Avg.)	60 (Max.)	MG/L		Daily	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	Report (Max.)		MG/L		Weekly	24-hr. FPC
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	Report (Max.)		MG/L		Weekly	24-hr. FPC
Flow, in conduit or thru treatment plant	Sample Measurement										
PARM Code 50050 Y Mon.Site No. CAL-1	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow, in conduit or thru treatment plant	Sample Measurement										
PARM Code 50050 1 Mon.Site No. CAL-1	Permit Requirement	Report (Mo.Avg.)	Report (Day.Max)	MGD						Continuous	Meter
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

MONITORING GROUP U-001
NUMBER:
MONITORING GROUP DESC:

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 A Mon.Site No. FLW-6	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow	Sample Measurement										
PARM Code 50050 P Mon.Site No. FLW-6	Permit Requirement	Report (Mo.Avg.)	Report (Day.Max.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)			MG/L		Daily	24-hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	MG/L		Daily	24-hr. FPC
Coliform, Fecal	Sample Measurement										
PARM Code 74055 B Mon.Site No. EFA-1	Permit Requirement					25 (Max.)		#/100ML		Daily	Grab
Coliform, Fecal (Percent Nondetectable)	Sample Measurement										
PARM Code 51005 1 Mon.Site No. EFA-1	Permit Requirement				75 (Min.)			Percent		Daily	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 (YY/MM/DD)

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP U-001

PERMIT NUMBER: FL0035980

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorine, Total Residual	Sample Measurement										
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				1.0 (Min.)			MG/L		Daily	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon.Site No. EFB-1	Permit Requirement				5.0 (Max.)			MG/L		Daily	Grab or 24-hr. FPC
pH	Sample Measurement										
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
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	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DAILY SAMPLE RESULTS - PART B (D-001, D-002 and Influent)

Permit Number: FL0035980 Facility: South Central Regional Wastewater Treatment Plant
 Monitoring Period From: _____ To: _____

	Flow, Ocean Outfall (MGD)	DO, Outfall (MG/L)	TRC (Disinfection), Outfall (MG/L)	TRC, (Dechlor.), Outfall (MG/L)	CBOD5, Outfall (MG/L)	Fecal Coliform, Outfall (#/100ML)	Enterococci, Outfall (#/100ML)	TSS, Outfall (MG/L)	pH, Max., Outfall (SU)	pH, Min., Outfall (SU)	Phosphorus, Total (as P), Outfall (MG/L)
Code	50050	00300	50060	50060	80082	74055	31639	00530	00400	00400	00665
Mon. Site	FLW-7	EFA-1	EFA-1	EFD-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1
1											
2											
3											
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28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

DAILY SAMPLE RESULTS - PART B (D-001, D-002 and Influent)

Permit Number:
Monitoring Period

FL0035980
From: _____ To: _____

Facility: South Central Regional Wastewater Treatment Plant

	Phosphorus, Total (as P), Outfall (LBS/DAY)	Ammonia, Total (as N), Outfall (MG/L)	Ammonia, Total (as N), Outfall (LBS/DAY)	Nitrogen, Total, Outfall (MG/L)	Nitrogen, Total, Outfall (LBS/DAY)	Flow, Influent (MGD)	CBOD5, Influent (MG/L)	TSS, Influent (MG/L)	Flow (MGD) Into MSSW Blue Lake 2 Delaire CC	Flow (no. of days) Out of MSSW Blue Lake Delaire CC	
Code	00665	00610	00610	00600	00600	50050	80082	00530	50050	50050	
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	CAL-2	INF-1	INF-1	PPI-02	STM-03	
1											
2											
3											
4											
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26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

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

DAILY SAMPLE RESULTS - PART B (U-001)

Permit Number: FL0035980 Facility: South Central Regional Wastewater Treatment Plant
Monitoring Period From: _____ To: _____

	Flow, Injection Well (MGD)	CBOD5, Injection Well (MG/L)	Fecal Coliform, Injection Well (#/100ML)	TRC (Disinfection), Injection Well (MG/L)	TSS, Injection Well (MG/L)	pH, Max. Injection Well (SU)	pH, Min., Injection Well (SU)				
Code	50050	80082	51005	50060	00530	00400	00400				
Mon. Site	FLW-6	EFA-1	EFA-1	EFA-1	EFB-1	EFA-1	EFA-1				
1											
2											
3											
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27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

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

DAILY SAMPLE RESULTS - PART B (R-001)

Permit Number: FL0035980

Facility: South Central Regional Wastewater Treatment Plant

Monitoring Period From: _____ To: _____

	Flow, Part III Reuse (MGD)	TRC (Disinfection), Part III Reuse (MG/L)	pH, Max. Part III Reuse (SU)	pH, Min., Part III Reuse (SU)	Fecal Coliform, Part III Reuse (#/100ML)	TSS, Part III Reuse (MG/L)	CBOD5, Part III Reuse (MG/L)			
Code	50050	50060	00400	00400	51005	00530	80082			
Mon. Site	CAL-1	EFA-1	EFA-1	EFA-1	EFA-1	EFB-1	EFA-1			
1										
2										
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29										
30										
31										
Total										
Mo. Avg.										

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: South Central Regional Wastewater Treatment Plant
 Permit Number: FL0035980

Monitoring Well ID: MWC-1 (aka, MW-441)
 Well Type: Compliance
 Description:

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to MSL	82545		Report	ft, NGVD						
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L						
Solids, Total Dissolved (TDS)	70295		500	mg/L						
Chloride (as Cl)	00940		250	mg/L						
Coliform, Fecal	74055		4	#/100 mL						
pH	00400		6.5 – 8.5	s.u.						
Sulfate, Dissolved	00946		250	mg/L						

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

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

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

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

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

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

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

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

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

PART D - GROUND WATER MONITORING REPORT

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

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

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

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

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

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

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

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

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

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

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

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

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

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Dennis L. Coates	PERMIT NUMBER: FL0035980		
MAILING ADDRESS: 1801 N. Congress Avenue Delray Beach, FL 33445	LIMIT: Final	REPORT: Bimonthly	
	CLASS SIZE: Major	GROUP: Domestic	
FACILITY: South Central Regional Wastewater Treatment Plant	MONITORING GROUP NUMBER: RMP-B		
LOCATION: 1801 N. Congress Avenue Delray Beach, FL 33445	MONITORING GROUP DESC: Class B Residuals		
COUNTY: Palm Beach	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-B	Permit Requirement	Report (Max.)		PER-CENT						Bimonthly	Grab
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement										
PARM Code 78478 + Mon.Site No. RMP-B	Permit Requirement	Report (Max.)		PER-CENT						Bimonthly	Grab
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement										
PARM Code 78472 + Mon.Site No. RMP-B	Permit Requirement	Report (Max.)		PER-CENT						Bimonthly	Grab
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49565 + Mon.Site No. RMP-B	Permit Requirement				75.0 (Max.)			MG/KG		Bimonthly	Composite
Cadmium, Sludge, Tot Dry Weight (as Cd)	Sample Measurement										
PARM Code 78476 + Mon.Site No. RMP-B	Permit Requirement				85.0 (Max.)			MG/KG		Bimonthly	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement										
PARM Code 78475 + Mon.Site No. RMP-B	Permit Requirement				4300.0 (Max.)			MG/KG		Bimonthly	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: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

RMP-B

PERMIT NUMBER: FL0035980

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-B	Permit Requirement				840.0 (Max.)			MG/KG		Bimonthly	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon.Site No. RMP-B	Permit Requirement				57.0 (Max.)			MG/KG		Bimonthly	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon.Site No. RMP-B	Permit Requirement				75.0 (Max.)			MG/KG		Bimonthly	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon.Site No. RMP-B	Permit Requirement				420.0 (Max.)			MG/KG		Bimonthly	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon.Site No. RMP-B	Permit Requirement				100.0 (Max.)			MG/KG		Bimonthly	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon.Site No. RMP-B	Permit Requirement				7500.0 (Max.)			MG/KG		Bimonthly	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon.Site No. RMP-B	Permit Requirement				Report (Max.)			SU		Bimonthly	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon.Site No. RMP-B	Permit Requirement				Report (Max.)			PER-CENT		Bimonthly	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

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

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 G Mon.Site No. PRT-I	Permit Requirement				Report (Min.)	Report (Max.)		SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		MG/L		Annual	Grab
Benzene	Sample Measurement										
PARM Code 34030 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement										
PARM Code 32104 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement										
PARM Code 34301 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc	Sample Measurement									
PARM Code 39336 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement									
PARM Code 39338 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement									
PARM Code 39782 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement									
PARM Code 34259 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement									
PARM Code 39350 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement									
PARM Code 39300 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement									
PARM Code 39320 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement									
PARM Code 39310 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement									
PARM Code 39380 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement									
PARM Code 34361 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

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

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 1 Mon.Site No. PRT-E	Permit Requirement				Report (Min.)	Report (Max.)		SU		Annual	Grab
Oil and Grease, hexane extr method	Sample Measurement										
PARM Code 00552 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		MG/L		Annual	Grab
Benzene	Sample Measurement										
PARM Code 34030 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Bromoform	Sample Measurement										
PARM Code 32104 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period
Chlorobenzene	Sample Measurement										
PARM Code 34301 1 Mon.Site No. PRT-E	Permit Requirement				Report (An.Avg.)	Report (Max.)		UG/L		Annual	4 grabs/24 hr.period

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc	Sample Measurement									
PARM Code 39336 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
B-bhc-beta	Sample Measurement									
PARM Code 39338 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Gamma BHC (Lindane)	Sample Measurement									
PARM Code 39782 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Delta benzene hexachloride	Sample Measurement									
PARM Code 34259 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Chlordane (tech mix. and metabolites)	Sample Measurement									
PARM Code 39350 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDT (p,p'-DDT)	Sample Measurement									
PARM Code 39300 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDE (p,p'-DDE)	Sample Measurement									
PARM Code 39320 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
4,4'-DDD (p,p'-DDD)	Sample Measurement									
PARM Code 39310 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Dieldrin	Sample Measurement									
PARM Code 39380 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
A-endosulfan-alpha	Sample Measurement									
PARM Code 34361 1 Mon.Site No. PRT-E	Permit Requirement			Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-E

PERMIT NUMBER: FL0035980

From: _____ To: _____

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Dennis L. Coates
MAILING ADDRESS: 1801 N. Congress Avenue
Delray Beach, FL 33445

PERMIT NUMBER FL0035980

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: South Central Regional Wastewater Treatment Plant
LOCATION: 1801 N. Congress Avenue
Delray Beach, FL 33445

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

COUNTY: Palm Beach

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: _____ To: _____

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

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: South Central Regional Wastewater Treatment Plant

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-R

PERMIT NUMBER: FL0035980

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Zinc, Dry Weight	Sample Measurement										
PARM Code 78467 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		MG/KG		Annual	Composite
Molybdenum, Dry Weight	Sample Measurement										
PARM Code 78465 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		MG/KG		Annual	Composite
Arsenic, Dry Weight	Sample Measurement										
PARM Code 49565 + Mon.Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		MG/KG		Annual	Composite
	Sample Measurement										
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**BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

IN THE MATTER OF:

IN THE OFFICE OF THE
SOUTHEAST DISTRICT

South Central Regional
Wastewater Treatment and Disposal Board
c/o Mr. Dennis Coates, Director
1801 N. Congress Avenue
Delray Beach, FL 33445

Order No.: AO-09-003-DW-50-SED
South Central Regional Wastewater Treatment
Facility Permit Renewal
Application No. FL0035980-020-DW1P/NR

DEP Permit No. FL0035980

**ORDER ESTABLISHING COMPLIANCE SCHEDULE UNDER
SECTION 403.088(2)(f), F.S.**

I. STATUTORY AUTHORITY

The Department of Environmental Protection (Department) issues this Order under the authority of Section 403.088 of the Florida Statutes. The Secretary of the Department has delegated this authority to the Director of District Management, who issues this Order and makes the following findings of fact.

II. FINDINGS OF FACT

1. South Central Regional Wastewater Treatment and Disposal Board (the "Board") is a person under Section 403.031 of the Florida Statutes.
2. The Board owns and operates a wastewater treatment facility located at 1801 North Congress Ave, Delray Beach, Florida which discharges wastewater effluent into waters of the state as defined in Section 403.031 of the Florida Statutes, via an existing ocean outfall to the Atlantic Ocean.
3. The Board has applied for a permit under Section 403.088(2) of the Florida Statutes.
4. In 2008, the Florida Legislature passed, and the Governor signed, Chapter 2008-232, Laws of Florida which addresses the elimination of ocean outfalls in Florida after December 31, 2025, except as a backup discharge that is part of a functioning reuse system. Effective July 1, 2008, and codified in Section 403.086(9) of the Florida Statutes, the law requires utilities using ocean outfalls for disposal of domestic wastewater to implement advanced wastewater treatment and management requirements no later than December 31, 2018. The law also requires these utilities to install a functioning reuse system providing a minimum of 60 percent reuse of the facility's actual flow no later than December 31, 2025. Both the treatment and reuse requirements are based on the actual annual average daily flows to the utility's outfall during the baseline calendar years 2003 through 2007.
5. Based on the 2003-07 baseline flow data, the South Central Regional wastewater treatment facility discharged 12.9 million gallons per day (MGD), annual average daily flow, of treated effluent through the ocean outfall. Based on this average flow, the nutrient reductions equivalent to advanced wastewater treatment were calculated to be 323 lb/day of Nitrogen and 108 lb/day of Phosphorous by the end of 2018. The reuse requirement was calculated to be 7.72 MGD of additional reuse to be achieved by the end of 2025.

6. Prior to the enactment of the legislation, through a negotiated process to resolve the outstanding issues related to the continued use of the ocean outfall, the Board agreed to provide an alternative disposal method via deep injection well. The Board has received an Underground Injection Control (UIC) permit from the Department to construct and operate the injection well (UIC Permit No. 0272088-001-UC, issued October 11, 2007). The injection well construction has been completed and is planned to begin operation in early 2009. The injection well will replace the ocean outfall as the primary means of effluent disposal.
7. The Board has also elected to expand the existing reclaimed water treatment system to provide High Level Disinfection for all flows through the treatment plant, which will facilitate expansion of the Delray/Boynton Beach reuse distribution systems over the next decade to reuse 100 percent of the annual average daily flows through the plant (except for wet weather when reuse is not feasible). The expansion will also provide High Level Disinfection for all flows to the deep injection well and ocean outfall. The expansion is currently under construction and is planned for completion in early 2009.
8. Phasing out the outfall as a primary means of disposal and expansion of the reuse system is considered to be environmentally pro-active, will minimize concerns of water quality impacts, and be a better use of the water resource. By implementing the alternative disposal method, the Board will be able to meet the nutrient reduction requirements of the 2008 legislation nine years in advance of the 2018 deadline. Accordingly, the monitoring requirements for the outfall in the new permit can be substantially reduced.
9. Currently the Board does not have a valid state lands authorization for the outfall. The Board filed an application with the Department. The Department will not complete processing the State Lands application until the final wastewater permit has been issued.
10. Pursuant to Section 403.086(9)(h) of the Florida Statutes, the Department is required, to accompany each permit renewal authorizing the discharge of domestic wastewater through an ocean outfall with an order which establishes an enforceable compliance schedule. Also, Sections 403.088(2)(e) and (f) of the Florida Statutes authorizes the Department to issue a permit for the discharge of wastes into waters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.
11. Based on the facts above, the Department finds that:
 - a. There is no present, reasonable, alternative means of disposing of the wastewater other than by discharging it into waters of the state;
 - b. The granting of an operation permit will be in the public interest;
 - c. The discharge will not be unreasonably destructive to the quality of the receiving waters for the time necessary to construct/operate the deep injection well; and
 - d. The applicant is constructing, installing, or placing into operation, or has submitted plans and a reasonable schedule for constructing, installing, or placing into operation, an approved pollution abatement facility or alternative waste disposal system.

III. ORDER

Based on the foregoing findings of fact,

IT IS ORDERED,

1. The Board shall complete construction and commence operational testing of the deep injection well no later than April 30, 2009 in accordance with the provisions of the UIC permit. The injection well shall

then be used to its maximum capacity during operational testing for disposal of effluent receiving High Level Disinfection, when it is not feasible to be delivered to the reclaimed water system. The Board shall apply for a UIC operating permit after operational testing is completed in accordance with the UIC permit.

2. After April 30, 2009, the ocean outfall shall only be used during peak wet-weather events when reuse is not feasible and the hydraulic capacity of the deep injection well is exceeded; during mechanical integrity testing of the deep injection well system; or, as an emergency backup. After December 31, 2025, the outfall can only be used as a backup discharge that is part of a functioning reuse system authorized by the Department.
3. By December 31, 2009 and by December 31 every five years thereafter, the Board shall submit to the Department a report summarizing the actions accomplished to date and the actions remaining and proposed to meet the requirements of Section 403.086(9)(f) of the Florida Statutes. Since the advanced wastewater treatment and management requirements should already be achieved by the first report deadline, the report should primarily focus on the detailed schedule of the continued implementation of the reuse program in order to meet the 2025 deadline for reuse. A total of 7.72 MGD of additional reuse (over the 2003-07 reuse baseline of 4.45 MGD) must be provided for no later than 2025.
4. By July 1, 2013, the Board shall submit to the Department a detailed plan to meet the requirements of Section 403.086(9)(e)(1) of the Florida Statutes.
5. By July 1, 2016, the Board shall submit to the Department an updated detailed plan to meet the requirements of Section 403.086(9)(e)(2), of the Florida Statutes.
6. The current outfall studies conducted by the National Oceanic and Atmospheric Administration (NOAA) shall be completed and the final report submitted to the Department no later than one month following final report completion by NOAA.
[Suggest that more details regarding the study be included, i.e., specific project name or project number]
7. Failure of the Board to obtain a valid State Lands authorization from the State within one year from the issuance date of the Permit/Administrative Order shall constitute a violation of this Order.
8. The Board shall maintain and operate its facilities in compliance with all other conditions of DEP Permit No. FL0035980.
9. This Order may be modified as set forth in chapter 62-620 of the Florida Administrative Code.
10. Reports or other information required by this Order shall be sent to:

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

Phone Number - (561) 681-6600

FAX Number - (561) 681-6760

All FAX copies shall be followed by the original.

11. This Order does not constitute a permit under Section 403.088 of the Florida Statutes. This Order shall be incorporated by reference into DEP Permit No. FL0035980, which shall require compliance by the Permittee with the requirements of this Order.

12. Failure to comply with the requirements of this Order shall constitute a violation of this Order and DEP Permit No. FL0035980, and may subject the Permittee to penalties as provided in Section 403.161 of the Florida Statutes.
13. This Order is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the following section. Upon the timely filing of a petition this Order will not be effective until further order of the Department.

IV. NOTICE OF RIGHTS

A person whose substantial interests are affected by the Department's proposed agency action may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes. The procedures for petitioning for a hearing are set forth below.

The petition must contain the information set forth below and must be filed (received) in the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within twenty-one days of receipt of this written notice. Petitions filed by any other person must be filed within twenty-one days of publication of the notice or within twenty-one days of receipt of the written notice, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

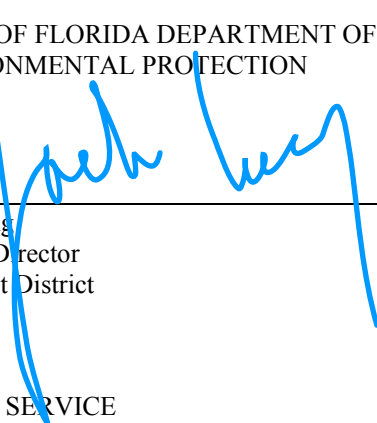
1. The name and address of each agency affected and each agency's file or identification number, if known;
2. The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination.;
2. A statement of how and when the petitioner received notice of the Department's decision;
3. A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
4. A concise statement of ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
5. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
6. A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the Department to take with respect to the Department's proposed agency action.

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 on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

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

DONE AND ORDERED on this 28 day of July 2009 in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Jack Long
District Director
Southeast District


JL/LAB/tp:

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Order and all copies were mailed before the close of business on this 28th day of July 2009 to the listed persons.

FILED AND ACKNOWLEDGED on this date, under Section 120.52(11) of the Florida Statutes, with the designated Department Clerk, receipt of which is acknowledged.



Clerk

7/28/09

Date