



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

February 28, 2007 Electronic Correspondence

In the Matter of an
Application for Permit by:

Seacoast Utility Authority
c/o Mr. Rim Bishop
Executive Director
4200 Hood Road
Palm Beach Gardens, FL 33410
Email: rbishop@sua.com

PA File Nos. FL0038768-014-DW1P-NR
Palm Beach County
Seacoast Utility Authority, PGA Regional WWTF
FL0038768

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0038768 to operate the existing Seacoast Utility Authority, PGA Regional Wastewater Treatment Facility, issued under Section 403, Florida Statutes.

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

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

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

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

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

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

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;

(b) A statement of how and when each petitioner received notice of the Department action;

(c) A statement of how each petitioner's substantial interests are affected by the Department action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;

(f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

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

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

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

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

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, 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 30 days from the date when this permit action is filed with the clerk of the Department.

Mr. Rim Bishop
Executive Director
Seacoast Utility Authority
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Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Linda A. Brien, P.G. Date
Water Facilities Administrator
Southeast District

LAB/TP/ba: FL0038768-014-DW1P-NR

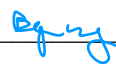
FILING AND ACKNOWLEDGMENT

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

 By  2/28/07
[Clerk] [Date]

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF DRAFT PERMIT and all copies were mailed before the close of business on **February 28, 2007** to the listed persons.

 
Name Date 2/28/07

ec:

David Xavier, P.E., LBFH, Inc., david-x@lbfh.com
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Florida Department of Environmental Protection

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

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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Seacoast Utility Authority

PERMIT NUMBER: FL0038768 (Major)

PA FILE NUMBER: FL0038768-014-DW1P-NR

ISSUANCE DATE: February 28, 2007

EXPIRATION DATE: February 27, 2012

RESPONSIBLE AUTHORITY:

Mr. Rim Bishop
Executive Director
4200 Hood Road
Palm Beach Gardens, FL 33410

(561) 627-2900

FACILITY:

Seacoast Utility Authority
11498 Nursery Lane
Palm Beach Gardens, FL 33410
Palm Beach County
Latitude: 26° 51' 18" N Longitude: 80° 07' 55" W

This permit is issued under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System. The above named is hereby authorized to construct and 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 12.0 million gallons per day (MGD) three (3) month average daily flow complete mix activated sludge WWTF with effluent disposal via high level disinfected reuse of reclaimed water or deep injection well.

Major treatment facility components consist of the following:

An influent headworks with a manually cleaned bar screen by-pass, influent magnetic flow meter, and a vortex type grit removal system; odor control equipment is provided; three (3) aeration basins each 75 feet X 150 feet X 14 foot side water depth for a total volume of approximately 3.6 million gallons (MG); four (4) blowers, each 300 hp and with a capacity of 6,500 scfm; three trains of anoxic basins each train approx. 25 feet X 50 feet, with 14 foot side depth; three (3) final clarifiers 100 feet in diameter and a return activated sludge/waste activated sludge (RAS/WAS) pump station. A filter feed pump station that consists of four (4) vertical turbine pumps provides secondary water to the five (5) Aquadisk cloth media tertiary filters. Filtered effluent is sent to the reclaimed water pumping system or to the deep injection well pumps station. Residual processing consists of five (5) aerobic digesters. The No. five (5) digester is provided air via a 125 hp floating aerator. Air required for digesters numbers 1 through 4 is provided by diffused air via four (4) 200 hp centrifugal blowers. Lime storage and mixing is available. Dewatering is provided by two (2) belt filter presses and a single Ashbrook two (2) meter Gravity Belt Thickener (GBT) which handles waste activated sludge at a rate of 500 gpm. On-site treated residuals are trucked directly to the local landfill or to two (2) covered 40 feet by 50 feet storage pads adjacent to the preliminary treatment unit. There is emergency power provided by on-site diesel generators.

EFFLUENT DISPOSAL:

Surface Water Discharges: (Discharge Outfalls **D001 to D015**)

- An existing emergency/wet weather overflow discharge from on-site percolation pond No. 2 the Mirasol MSSW (Management and Storage of Surface Waters, aka "stormwater) system (Class III fresh waters) to C-18 canal (Class I fresh waters). Discharge Location (**D001**) is approximately 20 feet in length and discharges at a depth of approximately 1 foot, located approximately at latitude 26° 51' 18.5" N, longitude 80° 07' 55" W.
- An existing Part III reclaimed water permitted flow to MSSW storage lake at BallenIsles West golf course with an intermittent discharge via on-site golf course canals to Merrill canal, Class III fresh waters. The discharge structure with weir (**D002**) is located approximately at latitude 26° 49' 51" N, longitude 80° 07' 48" W.
- An existing Part III reclaimed water storage lake system at Eastpointe Home Owners Association (HOA) with an intermittent discharge to Class III fresh waters via discharge structure with weir (**D003**), located approximately at latitude 26° 57' 00" N, longitude 80° 08' 29" W.
- The permittee is authorized to maintain Discharge Location (**D004**) (Class III fresh waters) at Old Marsh Golf and Country Club and may discharge only in the event of an emergency as covered under Section IX.22 & 23 of this permit. The point of discharge is located approximately at latitude 26° 51' 56" N, longitude 80° 09' 40" W.
- The permittee is authorized to maintain Discharge Location (**D005**) (Class III fresh waters) at PGA National Golf Course and may discharge only in the event of an emergency as covered under Section IX.22 & 23 of this permit. The point of discharge is located approximately at latitude 26° 49' 28" N, longitude 80° 09' 09" W.
- An existing Part III reclaimed water storage lake system at Frenchman's Creek golf course with an intermittent discharge via EPB-3 canal to the Intracoastal Waterway, Class III fresh waters. The discharge structure with weir (**D006**) is located approximately at latitude 26° 52' 25" N, longitude 80° 05' 12" W.
- An existing Part III reclaimed water lake system at Regional Center with an intermittent discharge at a discharge structure with weir (**D007**) to Class III fresh waters, located approximately at latitude 26° 51' 00" N, longitude 80° 05' 00" W.
- An existing Part III reclaimed water storage lake system at BallenIsles East golf course with an intermittent discharge to Class III fresh waters. The discharge structure with weir (**D008**) is located approximately at latitude 26° 50' 00" N, longitude 80° 07' 00" W.
- An existing Part III reclaimed water permitted flow to MSSW storage lakes system at Mirasol golf course (East) with an intermittent discharge to Class III fresh waters. The discharge structure with weir (**D009**) is located approximately at latitude 26° 51' 07" N, longitude 80° 09' 26" W.
- An existing Part III reclaimed water storage lake system at Mirasol golf course (West) with an intermittent discharge to Class III fresh waters. The discharge structure with weir (**D010**) is located approximately at latitude 26° 51' 05" N, longitude 80° 07' 48" W.
- An existing Part III reclaimed water storage lake system at Frenchman's Reserve golf course with intermittent discharges to Class III fresh waters. The discharge structures with weirs (**D011, D012, and D013**) are located approximately at latitude 26° 51' 35" N, longitude 80° 05' 37" W for **D011**, latitude 26° 51' 25" N, longitude 80° 05' 08" W for **D012**, and latitude 26° 51' 36" N, longitude 80° 04' 48" W for **D013**.
- An existing Part III reclaimed water storage lake system at Old Palm golf course with intermittent discharges to Class III fresh waters. The discharge structures with weirs (**D014 and D015**) are located approximately at latitude 26° 50' 30" N, longitude 80° 07' 17" W for **D014** and latitude 26° 51' 20" N, longitude 80° 06' 26" W for **D015**.

FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

Land Application:

- A slow-rate public access system **(R001)** consisting of irrigation of golf courses, road right-of-ways, median strips, common areas and residential developments. The following water sources may be used to augment the supply of reclaimed water: One (1) Surficial Well for Frenchman's Reserve, One (1) Surficial Well for The Isles, One (1) Surficial Well for The Regional Center and One (1) Surface Water Supply from the C-17 Canal. See Section IV for details.
- An existing 1.0 mgd annual average daily flow (AADF) permitted Part IV Rapid Infiltration Basin land application system **(R002)** consists of four (4) ponds totaling approximately 60 acres located approximately at latitude 26° 51' 18.5" N, longitude 80° 07' 55" W.
- One isolated golf course lake for the storage of Part III reclaimed storage water for irrigation. Lake Harriet is located on the Eastpointe Golf and Racquet Club Golf course. Capacity details are covered under section IV of the permit.

Underground Injection:

An existing 15.0 MGD permitted capacity underground injection well (IW) system U001 consisting of one 24" injection well; four (4) two hundred (200) hp vertical turbine pumps; one 1250 kw standby generator with associated electrical gear and control building. System includes one dual zone monitoring well. Injection well is operated under UIC Permit 0045384-001-UC.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to maintain an emergency overflow Outfall D001 an unnamed canal to the C-18 canal. A discharge is allowed only during and up to 48 hours after the cessation of a 10-year storm event. 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
Flow	mgd	Report	-	-	-	-	Daily During Discharge	Staff Gauge	EFF-01	See Cond. I. A. 3.f
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	25.0	40.0	60.0	Daily During Discharge	Grab	EFF-01	
Total Suspended Solids	mg/L	Maximum	20.0	30.0	45.0	60.0	Daily During Discharge	Grab	EFF-01	
Nitrogen, Total as N	mg/L as N	Report	-	-	-	-	Daily During Discharge	Grab	EFF-01	
Phosphorus, Total as P	mg/L as P	Report	-	-	-	-	Daily During Discharge	Grab	EFF-01	
PH	std. units	Range	-	-	-	6.0 to 8.5	Daily During Discharge	Grab	EFF-01	See Cond. I. C. 58.
Fecal Coliform Bacteria	See Permit Condition I.C.54.						Daily During Discharge	Grab	EFF-01	
Total Residual Chlorine (For Dechlorination)	mg/L	Maximum	-	-	-	0.01	Daily During Discharge	Grab	EFF-01	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	0.5	Daily During Discharge	Grab	EFA-01	See Cond. I. C..61.
Percolation Pond Water Elevation	feet	Report	-	-	-	-	Daily	Staff gauge	EFF-01	See Cond I. A. 4

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2. Reclaimed water 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
EFA-01	Chlorine Contact Chamber
EFF-01	At Overflows from On-site Percolation Pond

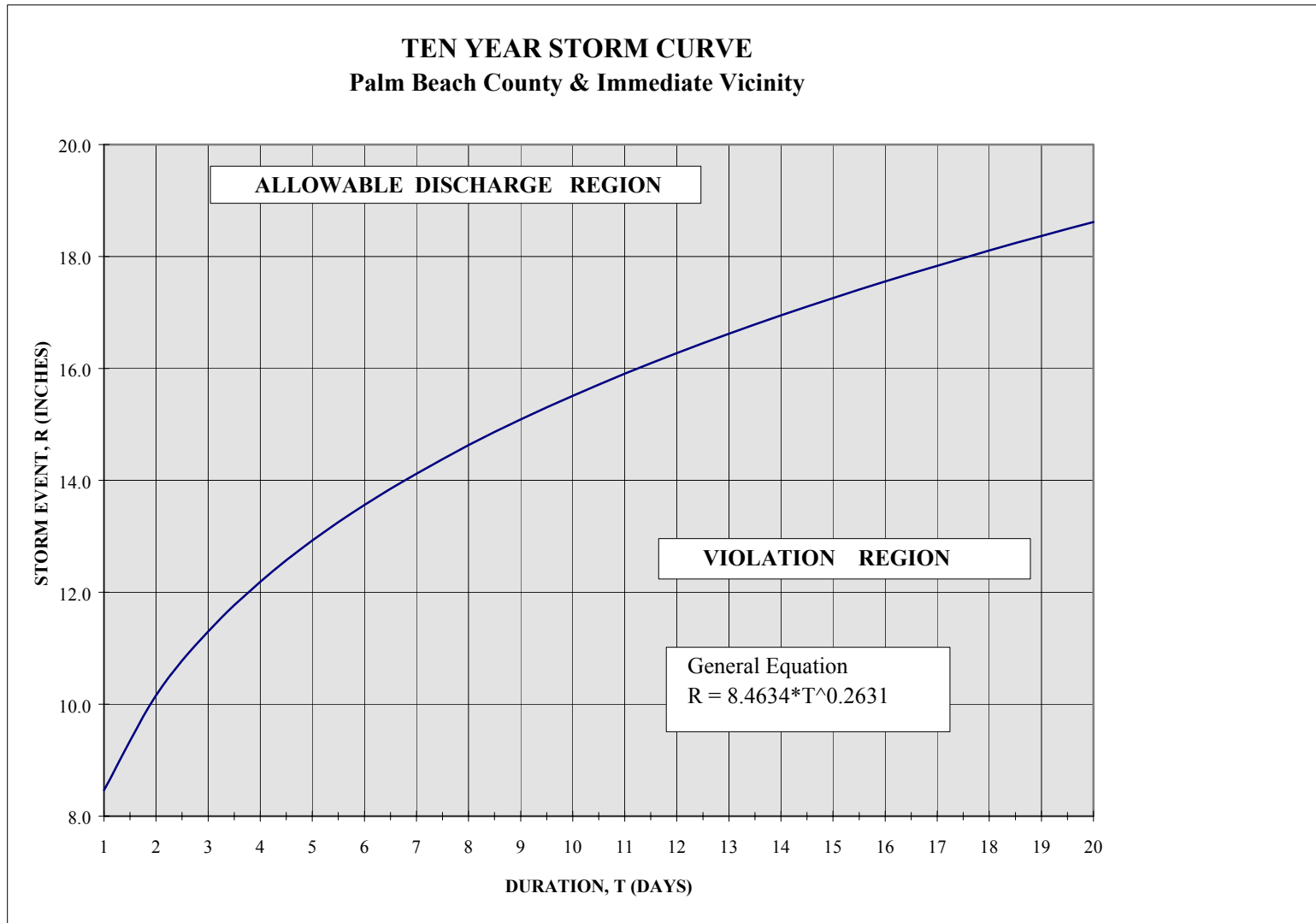
3. Whenever the discharge occurs in excess of one (1) hour, flow measurement shall be calculated based on flow in pipe calculations or other method approved by the District Office. A discharge is allowed only when rain falling on the active land application site(s) or on the area contributing drainage to the percolation pond(s) and the surface area of the pond(s) exceeds the 10-year storm event and/or up to 48 hours after the cessation of such storm event. An active land application site is defined as one which has received reclaimed water within 7 days prior to a storm event resulting in a discharge. The permittee shall notify the Department within 24 hours of a discharge to surface waters. In addition, the permittee shall report within 14 days of a discharge to surface waters:
- the receiving stream (name and/or description);
 - location of discharge point(s), including latitude/longitude;
 - discharge date(s);
 - a log of daily rain gauge readings;
 - the area of the active land application site(s) and/or the drainage area and the surface area of the pond(s);
 - the measured or calculated volume discharged (in mgd) based on information from Items I. A. 3. d. and I. A. 3. e above. All calculation shall be provided by the permittee. [62-601.200(17) and .500(6), 5-31-93]
4. A staff gauge will be installed in pond No. 2 per the schedule in Section VI of this permit. The gauge will be used to monitor the water level of the pond in relationship to the overflow pipe in tenths of a foot. This elevation will be monitored during each day of required operator coverage. The time of the reading shall be included in the DMRs.

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5. The following graph shall be used to determine when a discharge is allowed:



This graph depicts the inches of rainfall received in a rainfall event of a certain duration for a 10-year return period. The data for the graph was obtained for Palm Beach County and nearby Martin County from the Department of Commerce documents: "Two - to - Ten Day Precipitation for Return Periods of 2 to 100 years in the Contiguous United States" and "Rainfall Frequency Atlas of the United States for Duration's from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years." The graph enables the permittee to determine the conditions under which a discharge to surface waters is allowed. Should the permittee wish to develop a more localized rainfall curve, such request should be submitted to the Department along with 20 years of data used to derive the proposed curve.

To establish whether a discharge is allowed, the number of inches of rain received in an actual rainfall period will be compared to the graph. If the number of days in the actual rainfall period exceeds that shown by the graph, the graph may be extended using the equation given on the graph. The actual rainfall period used for comparison to the graph must be a period of consecutive days of cumulative rainfall. The period of consecutive days of cumulative rainfall may include days for which no rainfall is recorded.)

When rainfall (in inches plotted vs. duration of the actual rainfall period (in days) lies on or above the curve, a discharge is permissible. If this point lies below the line on the graph, a discharge would be in violation of this permit. Daily rain gauge readings taken at the same time on each day of the actual rainfall period must be submitted to support a permissible discharge.

6. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantification limits), which is titled "Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" dated June 21, 1996, is available from the Department on request. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
 - a) The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b) The laboratory reported PQL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide a PQL, which is equal to or less than the applicable water quality criteria stated in 62-302 FAC; and
 - c) If the PQLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated PQL shall be used.

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

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7. During discharges from **D001**, grab samples shall be taken daily per Section I.A.1. The time of the grab sample shall be noted on the DMRs.

Florida Department of Environmental Protection
Southeast District Branch Office
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

with a copy to the Department's Office in Tallahassee submitted to:

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

Discharges During Mechanical Integrity Tests at Deep well Facilities

8. There shall be no scheduled discharges of wastewater under the terms of this permit. If discharges will be necessary during the mechanical integrity testing of this facility's deep wells, the permittee may request a permit revision which will allow discharges to occur during well tests. Specific conditions of the revised permit will be based upon information provided in an approved Discharge Impact Minimization Plan (DIMP, see below).
9. If a well test will result in a discharge of wastewater to waters of the State (surface waters) during the term of this permit, the permittee shall within one year of the effective date of this permit, submit a DIMP to the Department for approval. Each of the following items shall be addressed in the plan:
- a. Alternative wastewater disposal method during test periods, which may be different for certain volumes of wastewater.
 - b. Projected water quality impacts to the receiving water body under optimum temperature and stream flow conditions and under less than optimum conditions. (Optimum conditions are deemed to occur at cooler ambient temperatures and maximum receiving water dilution's.) Background water quality data for the receiving water, in the vicinity of the discharge point, must be provided and must be considered in determining the projected impacts.
 - c. The number of discharges expected during the term of this permit with the proposed discharge dates.
 - d. The proposed discharge rate, total volume to be discharged, latitude and longitude at the discharge point and name (or description) of the receiving water body.
 - e. The expected concentrations for CBOD (5-day), TSS, Total Nitrogen, Ammonia, TKN, Total Phosphorus, Total Residual Chlorine, and Dissolved Oxygen (mg/l), Fecal Coliform Bacteria (in Number/100 ml) and the expected pH value.
10. After approval of the final DIMP, the Department will revise this permit to allow surface water discharges during deep well mechanical integrity testing. The revised permit will contain discharge limitations and monitoring requirements for any or all of the parameters listed in Section I.A.9.e of this permit. Whole effluent toxicity and testing requirements may be included at the discretion of the Department.

Modification of the permit to allow a discharge to surface waters will require at least three (3) months after approval of the DIMP.

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At a minimum, the following requirements shall be specified in the revised permit:

- a. The permittee shall submit written notification to the Department prior to a scheduled date of mechanical integrity testing of the deep wells at this facility, whether or not a discharge to surface water is expected.
- b. If required, in the final DIMP the permittee shall perform toxicity testing in accordance with the revised permit requirements no more than 1 year prior to a scheduled well test which will result in a discharge to surface waters. The toxicity test results shall be submitted to the Department no more than ninety (90) days prior to the scheduled test date.
- c. During the surface water discharge, the permittee shall comply with the effluent limitations and monitoring requirements of the revised permit conditions. The permittee shall submit effluent monitoring data to the Department no more than forty-five (45) days after a discharge to surface water.
- d. The permittee shall conduct toxicity testing on the actual wastewater discharged to surface waters in accordance with revised permit conditions. The toxicity test results shall be submitted no more than forty-five (45) days after a discharge to surface water.

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PERMIT NUMBER: FL0038768

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 combined reclaimed and MSSW system water from **Outfall D002, BallenIsles West MSSW system which discharges to Merrill Canal**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-02	See I.A.12, 13 ,48
Flow-Out	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-02	See I.A.14, 49

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

Monitoring Location Site Number	Description of Monitoring Location
PPI-02	BallenIsles West golf course MSSW storage pond

13. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Below Bleeder	Description of Monitoring Location MSSW Discharge Structures
STM-02	14.50'	BallenIsles West golf course MSSW storage pond

14. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49 at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-02	16.50'	BallenIsles West golf course MSSW storage pond

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15. 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 combined reclaimed and MSSW system water from **D003, Eastpointe Home Owners Assn. Briar Lake to the C-18 Canal (Class III fresh water) via an unnamed canal**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-03	See I.A.16,17, 48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-03	See I.A.18,49

16. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 15. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-03	Eastpointe Home Owner Assn. MSSW Storage Pond @ Briar Lake

17. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Below Bleeder	Description of Monitoring Location MSSW Discharge Structures
STM-03	14.86'	Eastpointe Home Owner Assn. MSSW Storage Pond @ Briar Lake

18. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49 at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-03	15.50'	On-Site MSSW Pump Station

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

19. 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 combined reclaimed and MSSW system water from **Outfall D006 at Frenchman's Creek golf course via EPB-3 canal to the Intracoastal Waterway**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-06	See I.A.20,21, 48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-06	See I.A.22, 49

20. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 19 and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-06	Frenchman's Creek MSSW Storage Pond

21. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (See below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Below Bleeder	Description of Monitoring Location MSSW Discharge Structures
STM-06	4.40'	Frenchman's Creek MSSW Storage Pond

22. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49 at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-06	7.15'	Frenchman's Creek MSSW Storage Pond

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

23. 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 combined reclaimed and MSSW system water from **Outfall D007 at Regional Center via Cabana Colony canal to the Intracoastal Waterway**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Mater	PPI-07	See I.A.24,25,48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-07	See I.A.26,49

24. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 23. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-07	Regional Center MSSW Storage Pond

25. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Below Bleeder	Description of Monitoring Location MSSW Discharge Structures
STM-07	6.46'	Regional Center MSSW Storage Pond

26. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49. at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-07	8.0'	Regional Center MSSW Storage Pond

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

27. 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 combined reclaimed and MSSW system water from **Outfall D008 via BallenIsles East MSSW system to Merrill canal which discharges into the Intracoastal Waterway**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-08	See I.A.28,29, 48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-08	See I.A30, 49

28. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 27. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-08	BallenIsles golf course MSSW storage pond (East)

29. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Below Bleeder	Description of Monitoring Location MSSW Discharge Structures
STM-08	11.96'	BallenIsles golf course MSSW storage pond (East)

30. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49. at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-08	15.93'	BallenIsles golf course MSSW storage pond (East)

31. 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 combined reclaimed and MSSW system water from **D009, Mirasol golf course (East) to the C-18 canal**. Such discharge shall be limited and monitored by the permittee as specified below:

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

			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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-09	See I.A.32,33, 48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-09	See I.A. 34, 49

32. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 31. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-09	Mirasol (Golf Digest) golf course MSSW storage pond (East)

33. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Operating Level	Description of Monitoring Location MSSW Discharge Structures
STM-09	17.46'	Mirasol(Golf Digest) golf course MSSW storage pond (East)

34. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A49. at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-09	19.50'	Mirasol (Golf Digest) golf course MSSW storage pond (East)

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

35. 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 combined reclaimed and MSSW system water from **D010, Mirasol golf course (West) to the C-18 canal**. 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-10	See I.A.36,37, 48
Flow-Out of MSSW Storage Lake	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-10	See I.A. 38, 49

36. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 35. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-10	Mirasol (Golf Digest) golf course MSSW storage pond (West)

37. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Operating Level	Description of Monitoring Location MSSW Discharge Structures
STM-10	15.5'	Mirasol (Golf Digest) golf course MSSW storage pond (West)

38. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A49. at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-10	16.1'	Mirasol (Golf Digest) golf course MSSW storage pond (West)

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

39. 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 combined reclaimed and MSSW water from **D011, D012, and D013 via Frenchman's Reserve MSSW system to Cabana Colony Canal which discharges into the Intracoastal Waterway**. Such discharges 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-11	See I.A.40,41, 48
Flow-Out of MSSW Storage Lake (D011)	N/A	N/A					Each Occurrence	Visual	STM-11	See I.A. 42, 49
Flow-Out of MSSW Storage Lake (D012)	N/A	N/A					Each Occurrence	Visual	STM-12	See I.A. 42, 49
Flow-Out of MSSW Storage Lake (D0013)	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-13	See I.A. 42, 49

40. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 39. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-11	Frenchman's Reserve golf course MSSW reclaimed water inlet lake

41. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Operating Level	Description of Monitoring Location MSSW Discharge Structures
STM-11	8.07'	Frenchman's Reserve golf course MSSW storage lake (Southwest)
STM-12	6.96'	Frenchman's Reserve golf course MSSW storage lake (East)
STM-13	6.51'	Frenchman's Reserve golf course MSSW storage lake (South)

42. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A.49. at the monitoring site location listed below:

FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-11	8.11'	Frenchman's Reserve golf course MSSW storage lake (Southwest)
STM-12	7.95'	Frenchman's Reserve golf course MSSW storage lake (East)
STM-13	10.76'	Frenchman's Reserve golf course MSSW storage lake (South)

43. 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 combined reclaimed and MSSW system water from **D014 and D015 via Old Palm MSSW system to the EPB-3 Canal which discharges into the Intracoastal Waterway.** Such discharges 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 Storage Lake	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-14	See I.A.44,45, 48
Flow-Out of MSSW Storage Lake (D014)	N/A	N/A					Each Occurrence	Visual	STM-14	See I.A. 46, 49
Flow-Out of MSSW Storage Lake (D0015)	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-15	See I.A. 46, 49

44. Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I. A. 43. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-14	Old Palm golf course MSSW reclaimed water inlet lake

45. Reclaimed water flow into the MSSW ponds will be maintained at an elevation below the MSSW bleeder elevation. (see below for in flow termination pond control elevation)

Monitoring Location Site Number	Control EL. Operating Level	Description of Monitoring Location MSSW Discharge Structures
STM-14	13.46'	Old Palm golf course MSSW storage lake (South)
STM-15	10.96'	Old Palm golf course MSSW storage lake (East)

FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

46. Reuse component of the stormwater flow over MSSW weirs shall be reported monthly to the Department as specified in I.A49. at the monitoring site location listed below:

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-14	17.4'	Old Palm golf course MSSW storage lake (South)
STM-15	17.0'	Old Palm golf course MSSW storage lake (East)

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FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

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47. The frequency and duration of discharges from a lake must be monitored and reported to the Department. See attached DMRs.
48. The permittee shall report the following for each of the permitted MSSW storage ponds: Flow into MSSW pond (mgd) AADF. See attached DMRs.
49. The permittee shall report the following for each of the permitted MSSW storage ponds intermittent discharge, Flow out of MSSW pond. See attached DMRs.
 - a. Name/description of MSSW pond/lake
 - b. Name of golf course or system
 - c. Control elevation feet (M.S.L.) i.e., "No Discharge Elevation"
 - d. List days of the month on which there were discharges from (a.)
 - e. Name of receiving water

TO:

Florida Department of Environmental Protection
Southeast District Branch Office
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

with a copies to the Department's Office in Tallahassee submitted to:

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

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FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

B. High-Level Disinfected Reclaimed Water Land Application

50. During the period beginning with the issuance of this permit and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System(s) R001. Such reclaimed water 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
Flow	mgd	Maximum	-	-	-	-	Continuous	Recording flow meters	EFA-01	See Cond. I. B.51 & 52
Flow (ground water)	mgd	Maximum	-	-	-	-	Continuous	Recording flow meters and totalizers	OTH-01, OTH-02, OTH-3, & OTH-4	See Cond. I. B.51
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days a Week	24-hour flow proportioned composite	EFA-01	
Total Suspended Solids	mg/L	Maximum	-	-	-	5.0	Continuous	Meter with 24 hour recording chart	EFB-01	See permit condition I.B 56
Nitrogen, Total as N	mg/L as N	Maximum	-	-	-	-	Weekly	24-hour flow proportioned composite	EFA-01	
Phosphorus, Total as P	mg/L as P	Maximum	-	-	-	-	Weekly	24-hour flow proportioned composite	EFA-01	
pH	std. units	Range	-	-	-	6.0 to 8.5	Continuous	pH meter with 24 hour recording chart	EFA-01	
Fecal Coliform Bacteria	See Permit Condition I. B. 54.						Daily	Grab	EFA-01	
Coliform, Fecal (ground water)	See Permit Condition I. B. 54						Quarterly	Grab	OTH-01, OTH-02, OTH-3, & OTH-4	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	1.0	Continuous	TRC meter with 24 hour recording chart	EFA-01	See Cond. I. B. 55
Turbidity	NTU	Maximum	See Permit Condition I. B. 56.				Continuous	Turbidity meter with 24 hour recording chart	EFB-01	
Giardia	CYSTS/100 L	Maximum	-	-	-	Report	Once every two years	Grab	EFA-01	
Cryptosporidium	OOCYSTS/100 L	Maximum	-	-	-	Report	Once every two years	Grab	EFA-01	

51. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. B. 50. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-01	After filtration in Chlorine Contact Chamber
EFB-01	After effluent filter and before high level disinfection
OTH-01	NW Supplemental Groundwater Well at Frenchman's Reserve
OTH-02	SW Supplemental Groundwater Well at Frenchman's Reserve
OTH-03	NE Supplemental Groundwater Well at The Isles
OTH-04	Supplemental Groundwater Well at Regional Center

52. The annual average daily flow to land application system R001 shall not exceed 12.0 mgd.
53. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 5-31-93]*
54. Over a 30 day period, 75 percent of the fecal coliform values (the 75th percentile value) shall be below the detection limits. Any one sample shall not exceed 25 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 5.0 milligrams per liter of total suspended solids (TSS) at a point before application of the disinfectant. Note: To report the 75th percentile value, list the fecal coliform values obtained during that month in ascending order. Report the value of the sample that corresponds to the 75th percentile (multiply the number of samples by 0.75). For example, for 30 samples, report the corresponding fecal coliform value for the 23rd value of ascending order. *[62-600.440(5)(f), 6-8-93]*
55. The minimum total chlorine residual shall be limited as described in the approved operating protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b) and (6)(b), 6-8-93]*
56. The maximum TSS value of 5 mg/L shall be limiting 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, 1-9-96]*
57. Grab samples shall be taken during peak daily hydraulic loading which has the minimum detention time in the chlorination system. The time of the sample shall be included in the DMRs. *[62-4.070(3) FAC]*

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FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

C. Part IV Rapid Infiltration

58. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct secondary treated water to the **on-site percolation ponds System(s) R002**. This system is also used for emergency storage during wet weather and M.I.T. testing. Secondary treated effluent 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
Flow	mgd	Maximum	1.0	-	-	-	Continuous	Flow meters and totalizers	EFA-02	See Cond. I. C..60.
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	24-hour flow proportioned composite	EFA-02	
Total Suspended Solids	mg/L	Maximum	20.0	30.0	45.0	60.0	Weekly	24-hour flow proportioned composite	EFA-02	
Nitrate (as N)	mg/L	Maximum	-	-	-	12.0	Weekly	24-hour flow proportioned composite	EFA-02	
pH	std. units	Range	-	-	-	6.0 to 8.5	Continuous	Meter	EFA-02	See Cond. I. C..61.
Fecal Coliform Bacteria	See Permit Condition I. C.63.						Weekly	Grab	EFA-02	
Total Residual Chlorine (For Disinfection)	mg/L	Minimum	-	-	-	0.5	Continuous	Meter	EFA-02	See Cond. I. C..64.

FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

59. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I. C. 55. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-02	After the chlorine contact basin and before the discharge to the percolation ponds.

60. The annual average daily flow to land application system R002 shall not exceed 1.0* mgd. MIT and wet weather storage surface levels are limited to three (3) inches below the emergency discharge elevation. (*Normal daily reuse operation)
61. Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2, Footnotes 1 and 2, 5-31-93]*
62. Recording flow meters with 24-hour recording chart and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 5-31-93]*
63. 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), 6/8/93]*
64. 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(5)(b) and (6)(b), 6-8-93]*

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FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

D. Underground Injection Control Systems

65. 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 U001** located at Seacoast Utility Authority. Such discharge shall be limited and monitored by the permittee as specified below:

			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	-	12.0 (TMADF)*	-	-	Continuous	Flow Meter and 24 hour recording chart	EFA-02	See Cond.I.D.67 & .68
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Maximum	20.0	30.0	45.0	60.0	Daily	24-hour flow proportioned composite	EFA-02	
Total Suspended Solids**	mg/L	Maximum	20.0	30.0	45.0	60.0 (5.0)**	Daily	24-hour flow proportioned composite	EFA-02	
pH	std. units	Range	-	-	-	6.0 to 8.5	Continuous	pH Meter and 24 hour recording chart	EFA-02	
Fecal Coliform Bacteria***	See Permit Condition I. B. 54.						Daily	Grab	EFA-02	
Total Residual Chlorine (For Disinfection)***	mg/L	Minimum	-	-	-	1.0	Continuous	TRC meter with 24 hour recording chart	EFA-02	See Cond. I. B. 55

*TMADF = Three-month Average Daily Flow

** No later than December 22, 2010, Total Suspended Solids shall not exceed 5 mg/L in a single sample in accordance with the new Federal regulations for existing municipal wells demonstrating “upward fluid movement”, adopted by the State on December 27, 2005. At the time of permit issuance the state/EPA were considering composite and/or grab samples for the required sampling type. This permit may be modified prior to the 2010 compliance date to clarify the sampling method required. The effluent limits are based on the treatment criteria for High Level Disinfection as contained in FAC 62-600.440(5).

*** The effluent limits/monitoring requirements for Fecal Coliform and Total Residual Chlorine are not applicable until December 22, 2010, in accordance with the new Federal regulations for existing municipal wells demonstrating “upward fluid movement”, adopted by the State on December 27, 2005. At the time of permit issuance the state/EPA were considering composite and/or grab samples for the required sampling type. This permit may be modified prior to the 2010 compliance date to clarify the sampling method required. The effluent limits are based on the treatment criteria for High Level Disinfection as contained in FAC 62-600.440(5).

FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

66. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I. D.65. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
EFA-02	End of Chlorine Contact Chamber

67. The disposal capacity of the Underground Injection Well Facility U001 is limited to 15 mgd.
68. No later than December 22, 2010, all effluent flows to the injection well must meet the High Level Disinfection (HLD) treatment criteria as defined in FAC 62-600.440(5)(a) through (f), in accordance with the new Federal regulations for existing municipal wells demonstrating “upward fluid movement”, adopted by the State on December 27, 2005. The Permittee shall apply for permit revision, if necessary, for expansion of the HLD system no later than January 1, 2008.
69. Flow recording meter and totalizer shall be utilized to measure flow and calibrated at least annually.
[62-601.200(17) and .500(6), 5-31-93]

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FACILITY: Seacoast Utility Authority PGA Regional WWTF
 PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

E. Other Limitations and Monitoring and Reporting Requirements

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

			Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	mgd	Maximum	-	-	-	-	Continuous	Recording flow meters and totalizers	INF-01	See Cond.I..E.72 & 73
Carbonaceous Biochemical Oxygen Demand (5 day)	mg/L	Report	-	-	-	-	5 Days a week	24-hour flow proportioned composite	INF-01	See Cond.I..E..73
Total Suspended Solids	mg/L	Report	-	-	-	-	5 Days a week	24-hour flow proportioned composite	INF-01	See Cond.I..E..73

71. Samples shall be taken at the monitoring site locations listed in Permit Condition I. E. 67. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
INF-01	On-site Headworks

72. The three-month average daily flow to the treatment plant shall not exceed 12.0 mgd.
73. 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), 5-31-93]*
74. Recording flow meters and totalizers shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6), 5-31-93]*
75. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. Parameters which must be monitored as a result of a ground water discharge (i.e., underground injection or land application system) shall be analyzed in accordance with Chapter 62-601, F.A.C. *[62-620.610(18), 11-29-94]*
76. 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), 5-31-93]*
77. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department on a monthly basis Discharge Monitoring Report(s) (DMR), Form 62-620.910(10), as attached to this permit. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
Wastewater Facilities Regulation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
[62-620.610(18), 11-29-94][62-601.300(1),(2), and (3), 5-31-93]

78. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except for turbidity, total coliforms, color, and corrosivity). Twenty-four hour composite samples shall be used to analyze reclaimed water or effluent for the primary and secondary drinking water standards. These monitoring results shall be reported to the Department annually on the Reclaimed Water or Effluent Analysis Report, Form 62-601.900(4), or in another format if requested by the permittee and if approved by the Department as being compatible with data entry into the Department's computer system. 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's Southeast District Office by January 1, of each year. *[62-601.300(4), 5-31-93][62-601.500(3), 5-31-93]*
79. The permittee shall submit an annual report of reclaimed water utilization using Form 62-610.300(4)(a)2. by January 1 of each year. *[62-610.870(3), 1-9-96]*
80. Unless specified otherwise in this permit, all reports and notifications required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

Florida Department of Environmental Protection
Southeast District Office
400 N. Congress Avenue, Suite 200
West Palm Beach, Florida 33401

Phone Number - (561) 681-6600 FAX Number - (561) 681-6689 (All FAX copies shall be followed by original copies)

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is disposal in a Class I or II solid waste landfill or transport to a Department approved Residuals Management Facility.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. 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]
4. 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)]
5. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department if the storage lasts longer than 30 days. [62-640.300(4)]

III. GROUND WATER MONITORING REQUIREMENTS

1. During the period of operation authorized by this permit, the permittee shall continue to sample ground water at the existing monitoring wells identified in Item III. 3. below, in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. Within 90 days of placing the BallenIsles, Eastpointe, Golf Digest Golf Courses and Regional Center. in operation, the permittee shall begin sampling ground water at the new monitoring wells identified in Item III. 3, below, in accordance with this permit and the approved ground water monitoring plan. Within 30 days of installation of a new monitoring well, the permittee shall submit to the Department's Southeast District Office detailed information on the well's location and construction on DEP Form(s) 62-522.900(3), Monitor Well Completion Report. [62-522.600, 4-14-94] [62-610.412 ([62-522.600, 12-9-96] [62-610.412]
2. Prior to construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location in order to properly size the well depth and screen interval. [62-522.900(3), 4-14-94]
3. The following monitoring wells shall be sampled quarterly for Land Application System R001:

BallenIsles East Golf Course

Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWC-BIGW-1	20' +/-	Surficial	Compliance	Existing

[62-522.600, 4-14-94][62-610.463,1-9-96]

Regional Center

Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWB-RCGW-1A	20' +/-	Surficial	Background	Existing
MWB-RCGW-2A	20' +/-	Surficial	Background	Existing

[62-522.600, 4-14-94][62-610.513,1-9-96]

Mirasol (Golf Digest) Golf Course

Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
MWB-GD-01	20' +/-	Surficial	Background	New

[62-522.600, 4-14-94][62-610.513, 1-9-96]

Frenchman's Creek Golf Course

WELLS	DESIGNATION	LOCATION
MW1-F	Background	SW corner (upgradient) of spray site and uninfluenced by the reuse application
MW2-F	Compliance	Within 100 ft. downgradient and in the Eastern boundary of the reuse site
MW3-F	Compliance	S.E. cor. in the Easterly boundary

[62-522.600, 4-14-94][62-610.513, 1-9-96]

Eastpointe C.C. & Racquet Club

WELLS	DESIGNATION	LOCATION
MW1	Background	NW corner of Eastpointe
MW2RC	Compliance	Southeast corner of Lake Harriet
MW2-CC	Compliance	Northwest corner of Fern Lake

Eastpointe Home Owners Assn.

Monitoring Location Site Number	Depth (Feet)	Aquifer Monitored	Well Type	New or Existing
EPW-1	new	Surficial	Compliance	new

[62-522.600, 4-14-94][62-610.463, 1-9-96]

BallenIsles West Golf Course

WELLS	DESIGNATION	LOCATION
MWC	Compliance	NW corner Turnpike and PGA Blvd.
MWD	Compliance	S/O control structure No. 1
MWE	Compliance	S/O pump Station No. 1

Frenchman's Reserve Golf Course

WELLS	DESIGNATION	LOCATION
MW1-FR	Background	NW corner of Reclaimed Water inlet lake
MW2-FR	Compliance	SE corner of Reclaimed Water inlet lake

4. The following monitoring wells shall be sampled quarterly for Land Application System R002:

PGA Regional WWTF

WELLS	DESIGNATION	LOCATION
MW-1	Compliance	N.W. corner of plant site
MW-4	Background	S.W. of plant, S/O M3 canal
MW-8	Compliance	S/O percolation pond #3
MW-18	Compliance	E/O percolation pond #4

5. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III.3, 4:
 - Water level (field measurement)
 - Nitrate (as N)
 - Total dissolved solids
 - Fecal Coliform
 - pH
 - Sulfate
6. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 11-29-94]
7. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with each DMR for each year during the period of operation allowed by this permit in accordance with Permit Condition s. [62-522.600(10) and (11) (b), 4-14-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 5-31-93] [62-620.610(18), 11-29-94]
8. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5), 5-31-93]
9. 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. [62-610.424(3), 4-2-94]
10. For those reuse sites with installed monitoring wells not using reuse water, the wells must be sampled at least once a year during the no use period. When reclaimed water use starts; sampling must begin within ninety (90) days. Should the use of reclaimed water become intermittent the permittee will be required to sample quarterly regardless of the intermittent use periods. [BPJ]

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part III Public Access System(s)

1. 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
BallenIsles Golf West Course	Golf Course	1.8	415
BallenIsles Golf East Course	Golf Course	0.72	164
Regional Center	Business, Commercial and Industrial Parks	0.56	192
Eastpointe Country Club*	Golf Course	0.30	100
Eastpointe Golf & Racquet Club*	Golf Course	0.30	133
Mirasol (Golf Digest) Golf Course	Golf Course	2.5	447
Frenchman's Creek Golf Course	Golf Course	0.5	267
Lost Tree Golf Course	Golf Course	0.5	130
Mariner's Cove Condominiums	Residential Developments	0.1	30
Loxahatchee River Environmental C.D.	Interconnection	2.5	N/A
Eastpointe Home Owners Assn.	Common Areas	2.4	419
Old Port Cove	Residential Developments	0.1	30
The Isles	Common Areas	0.2	41.25

User Name	User Type	Capacity (MGD)	Acreage
Frenchman's Reserve	Golf Course	0.8	175.73
Old Palm*	Golf Course	1.0	280.6
Total		14.28	2824.58

* Permitted as Isolated Lakes per (DOM-96-01) [62-610.800(5), 1-9-96][62-620.630(10)(b), 11-29-94]

2. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. For major users of reclaimed water (i.e., using 0.1 mgd or more), the zone of discharge shall extend horizontally 100 feet from the application site or to the user's property line, whichever is less, and vertically to the base of the surficial aquifer. For other users, the zone of discharge shall extend horizontally to the boundary of the general service area identified in the attached map and vertically to the base of the surficial aquifer. [62-520.200(23), 4-14-94] [62-522.400 and 62-522.410, 4-14-94]
3. The treatment facilities shall be operated in accordance with the approved operating protocol. Only reclaimed water that meets the criteria established in the approved operating protocol may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol shall be directed to reject storage for subsequent additional treatment or disinfection or to the following permitted alternate discharge system: Deep injection well and on-site percolation ponds. The operating protocol shall be reviewed and updated periodically (at least once each year) to ensure continuous compliance with the minimum treatment, disinfection and TSS/turbidity correlation requirements. Updated operating protocols shall be submitted to the Departments' Southeast District office by February 1, each year for review and approval. [62-610.320(6) and 62-610.463(2), 1-9-96]
4. Cross-connections to the potable water system are prohibited. [62-610.469(7), 1-9-96]
5. A cross-connection control program (CCC) shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. An annual report stating the effectiveness of the (CCC) program, which includes operating recommendations, shall be submitted to the Departments' Southeast District office by February 1, each year. [62-610.469(7), 1-9-96]
6. 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), 1-9-96]
7. 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), 1-9-96]
8. 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), 1-9-96]
9. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. [62-610.469(4), 1-9-96]
10. 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), 1-9-96]
11. 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), 1-9-96]
12. 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), 1-9-96]

13. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 and 62-610.464, 1-9-96]*
14. 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 as an abnormal event. The provisions of Rule 62-610.880(9), F.A.C., shall be met. *[62-610.800(9), 1-9-96]*

Supplemental Water Supplies – Ground Water

15. An approved backflow prevention device, as described in Rule 62-555.360, F.A.C., shall be provided on the pipe from each well connected into the reclaimed water system. *[62-610.472(4)]*
16. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. *[62-610.472(4)]*
17. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. *[62-610.472(7)]*

Supplemental Water Supplies – Surface Water

18. During periods when the demand for reclaimed water exceeds the influent supply, Seacoast Utility Authority may supplement the influent with surface water withdrawn from the Merrill Canal (C-17 basin). These surface waters shall be introduced into the collection system via Lift Station #1 subject to the SFWMD requirements. *[62-610.472(3)(c)]*

Part IV Rapid Infiltration Basins

19. All ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for this project shall extend horizontally 100 feet from the application site or to the facility's property line, whichever is less, and vertically to the base of the surficial aquifer. *[62-520.200(23), 4-14-94] [62-522.400 and 62-522.410, 4-14-94]*
20. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518, 1-9-96]*
21. The annual average hydraulic loading rate shall be limited to a maximum of 5.2 inches per day (as applied to the entire bottom area). *[62-610.523(3), 1-9-96]*
22. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7), 1-9-96]*
23. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414, 1-9-96]*
24. Eastpointe Lake Harriet is permitted as a storage lakes under DOM-96-01 for storage of high-level disinfection irrigation water.
25. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as an abnormal event to the Department's Southeast District Office within 24 hours of an occurrence as an abnormal event. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9), 1-9-96]*

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

1. No later than December 22, 2010, all effluent flows to the injection well must meet the High Level Disinfection (HLD) treatment criteria as defined in FAC 62-600.440(5)(a) through (f), in accordance with the new Federal regulations for existing municipal wells demonstrating "upward fluid movement", adopted by the State on December 27, 2005. The Permittee shall apply for permit revision, if necessary, for expansion of the HLD system no later than January 1, 2008. If an expansion of the HLD system is not necessary, a report shall be submitted to the Department by the January 1, 2008 date, with documentation explaining why expansion is not necessary.
2. The permittee shall maintain an existing staff gauge in the percolation pond No. 2. The gauge will be used to monitor the water level of the pond in relationship to the overflow pipe in tenth of a foot. The staff gauge must be installed within 60 days after the issuance of this permit.

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 February 1 of each year.

[62-625.600(12)]

VIII. OTHER SPECIFIC CONDITIONS

1. If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal, using Department Forms 62-620.910(1) and (2), no later than one-hundred and eighty days (180) prior to the expiration date of this permit. *[62-620.410(5)]*
2. 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)]*
3. 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)]*
4. 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)]*
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
6. 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 treatment plant discharges having temperatures above 40°C.*[62-604.130(4)]*
7. 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. *[62-610.518(1)] [and 62-600.400(2)(b)]*
8. 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)]*
9. The permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

- c. Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility. *[62-620.625(2), 11-29-94]*
10. Prior to placing the modifications to existing facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities. *[62-620.630(2), 6-1-01]*
11. 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 appropriate 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), 6-1-01]*

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
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).
- b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
- d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300, F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
- e. Field activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of 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:

FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

- 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. 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

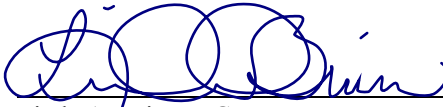
FACILITY: Seacoast Utility Authority PGA Regional WWTF
PERMITTEE: Seacoast Utility Authority

PERMIT NUMBER: FL0038768

- 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 permittee seeking to establish the occurrence of an upset has the burden of proof.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review. [62-620.610(23)]

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Linda A. Brien, P.G.
Water Facilities Administrator
Southeast District

Date

2/28/07

LAB/TP/ba: FL0038768-014-DW1P-NR

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D001
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow From on-site pond No. 2	Sample Measurement										
STORET No. 50050 Y Mon.Site No. EFF-01	Permit Measurement		Report Daily Flow	mgd				mgd		Daily During Discharge	Calculated Volume
BOD, Carbonaceous, 5 Day, 20 Deg C	Sample Measurement										
STORET No. 80082 Y Mon.Site No. EFF-01	Permit Measurement				60..0 (An. Avg.)			mg/L		Daily During Discharge	Grab
Total Suspended Solids	Sample Measurement										
STORET No. 00530 Y Mon.Site No. EFF-01	Permit Measurement				60..0 (An. Avg.)			mg/L		Daily During Discharge	Grab
Fecal Coliform	Sample Measurement										
STORET No. 74055 1 Mon.Site No. EFF-01	Permit Measurement				25.0 (Max.)			#/100mL		Daily During Discharge	Grab
Nitrogen, Total as N	Sample Measurement										
STORET No. 00600 1 Mon.Site No. EFF-01	Permit Measurement				Report (Max.)			mg/L as N		Daily During Discharge	Grab
Phosphorus, Total as P	Sample Measurement										
STORET No. 00665 1 Mon.Site No. EFF-01	Permit Measurement				Report (Max.)			mg/L as P		Daily During Discharge	Grab

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Seacoast Utility Authority

PERMIT NUMBER: FL0038768-001-DW1P

DISCHARGE POINT NUMBER: D001

WAFR SITE No.: 18685

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Total Residual Chlorine (For Dechlorination)	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFF-01	Permit Measurement				0.01 (Max.)			mg/L		Daily During Discharge	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFA-01	Permit Measurement				0.5 (Min.)			mg/L		Daily During Discharge	Grab
Water Level, Distance from measuring point	Sample Measurement										
STORET No. 82546 1 Mon.Site No. EFF-01	Permit Measurement				Report (Max.)			feet		Daily	Staff Gauge Measurement
pH	Sample Measurement										
STORET No. 00400 1 Mon.Site No. EFF-01	Permit Measurement				6.0 (Min)		8.5 (Max)	S.U.		Daily During Discharge	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D002
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 14.50
Receiving Water: BallenIsles West MSSW System to Merrill Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond BallenIsles West golf course	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI -02	Permit Measurement	Report (An.Avg.)	Report (Mo. Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond BallenIsles West golf course	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-02	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D003
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 14.86'
Receiving Water: C-18 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond Eastpointe (HOA)	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-03	Permit Measurement	Report (An. Avg.)	Report (Mo. Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond Eastpointe (HOA)	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-03	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D006
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 4.40'
Receiving Water: EPB-3 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond Frenchman's Creek Golf Course	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-06	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond Frenchman's Creek Golf Course	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-06	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D007
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 6.46'
Receiving Water: Cabana Colony Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond Regional Center	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-07	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond Regional Center	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-07	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D008
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 11.96'
Receiving Water: BallenIsles MSSW System to Merrill Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond BallenIsles East Golf Course	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-08	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond BallenIsles East Golf Course	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-08	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D009
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 17.46'
Receiving Water: C-18 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond (Mirasol)Golf Digest Golf Course East	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-09	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond (Mirasol)Golf Digest Golf Course East	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-09	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D010
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 15.50'
Receiving Water: C-18 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond (Mirasol)Golf Digest Golf Course West	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-10	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond (Mirasol)Golf Digest Golf Course West	Sample Measurement										
STORET No. 50050 1 Mon. Site No.STM-10	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D011
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 8.07'
Receiving Water: Cabana Colony Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond Frenchman's Reserve Golf Course Southwest	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-11	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond Frenchman's Reserve Golf Course Southwest	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-11	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D012
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 6.96'
Receiving Water: Cabana Colony Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow out of MSSW Pond Frenchman's Reserve Golf Course East	Sample Measurement										
STORET No. 50050 1 Mon. Site No.STM-12	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D013
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 6.51'
Receiving Water: Cabana Colony Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow out of MSSW Pond Frenchman's Reserve Golf Course South	Sample Measurement										
STORET No. 50050 1 Mon. Site No.STM-13	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D014
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 13.46'
Receiving Water: EPB-3 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Pond Old Palm Golf Course South	Sample Measurement										
STORET No. 50050 Y Mon. Site No. PPI-14	Permit Measurement	Report (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow out of MSSW Pond Old Palm Golf Course South	Sample Measurement										
STORET No. 50050 1 Mon. Site No. STM-14	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: D015
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

CHECK IF NO SURFACE WATER DISCHARGE OCCURRED DURING THIS REPORTING PERIOD _____

No Discharge Elevation: 10.96'
Receiving Water: EPB-3 Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow out of MSSW Pond Old Palm Golf Course East	Sample Measurement										
STORET No. 50050 1 Mon. Site No.STM-15	Permit Measurement			Day Date						During Discharge	Visual
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: R001
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 Y Mon.Site No. EFA-01	Permit Measurement	12.0 (3-Mo.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meter
Flow (Groundwater)	Sample Measurement										
STORET No. 50050 Y Mon.Site No. OTH-01	Permit Measurement	Report (3-Mo.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
Flow (Groundwater)	Sample Measurement										
STORET No. 50050 Y Mon.Site No. OTH-02	Permit Measurement	Report (3-Mo.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
Flow (Groundwater)	Sample Measurement										
STORET No. 50050 Y Mon.Site No. OTH-03	Permit Measurement	Report (3-Mo.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
Flow (Groundwater)	Sample Measurement										
STORET No. 50050 Y Mon.Site No. OTH-04	Permit Measurement	Report (3-Mo.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
BOD, Carbonaceous, 5 Day, 20 Deg C	Sample Measurement										
STORET No. 80082 Y Mon.Site No. EFA-01	Permit Measurement				20.0 (An. Avg.)			mg/L		Weekly	24-hour FPC
BOD, Carbonaceous, 5 Day, 20 Deg C	Sample Measurement										
STORET No. 80082 1 Mon.Site No. EFA-01	Permit Measurement				30.0 (Mo. Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Weekly	24-hour FPC
Suspended Solids, Total	Sample Measurement										
STORET No. 00530 1 Mon.Site No. EFB-01	Permit Measurement				5.0 (Max.)			mg/L		Daily	Grab

DISCHARGE MONITORING REPORT PART A (Continued)

FACILITY NAME: Seacoast Utility Authority

PERMIT NUMBER: FL0038768-001-DW1P

DISCHARGE POINT NUMBER: R001

WAFR SITE No.: 18685

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Fecal Coliform	Sample Measurement										
STORET No. 74055 1 Mon.Site No. EFA-01	Permit Measurement				25.0 (Max.)			#/100mL		Daily	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. EFA-01	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Fecal Coliform (Groundwater)	Sample Measurement										
STORET No. 74055 1 Mon.Site No. OTH-01	Permit Measurement				25.0 (Max.)			#/100mL		Quarterly	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. OTH-01	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Fecal Coliform (Groundwater)	Sample Measurement										
STORET No. 74055 1 Mon.Site No. OTH-02	Permit Measurement				25.0 (Max.)			#/100mL		Quarterly	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. OTH-02	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Fecal Coliform (Groundwater)	Sample Measurement										
STORET No. 74055 1 Mon.Site No. OTH-03	Permit Measurement				25.0 (Max.)			#/100mL		Quarterly	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. OTH-03	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Fecal Coliform (Groundwater)	Sample Measurement										
STORET No. 74055 1 Mon.Site No. OTH-04	Permit Measurement				25.0 (Max.)			#/100mL		Quarterly	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. OTH-04	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Chlorine, Total Residual (For disinfection)	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFA-01	Permit Measurement				1.0 (Min.)			mg/L		Continuous	Chlorine Meter

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Seacoast Utility Authority

PERMIT NUMBER: FL0038768-001-DW1P

DISCHARGE POINT NUMBER: R001

WAFR SITE No.: 18685

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 G Mon.Site No. INF-01	Permit Measurement	12.0 (3-Mo.Avg)	Report (Mo.Avg.)	mgd						Continuous	Flow meter
CBOD5	Sample Measurement										
STORET No. 80082 G Mon.Site No. INF-01	Permit Measurement				Report (Mo.Avg.)			mg/L		5 Days a Week	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 G Mon.Site No. INF-01	Permit Measurement				Report (Mo.Avg.)			mg/L		5 Days a Week	24-hour FPC
Nitrogen, Total as N	Sample Measurement										
STORET No. 00600 1 Mon.Site No. EFA-01	Permit Measurement				12.0 (Max.)			mg/L as N		Weekly	24-hour FPC
Phosphorus, Total as P	Sample Measurement										
STORET No. 00665 1 Mon.Site No. EFA-01	Permit Measurement				Report (Max.)			mg/L as P		Weekly	24-hour FPC
Turbidity, Field - Nephelometric	Sample Measurement										
STORET No. 00070 1 Mon.Site No. EFB-01	Permit Measurement				Report (Max.)			NTUs		Continuous	Turbidimeter
pH, Field	Sample Measurement										
STORET No. 00406 1 Mon.Site No. EFA-01	Permit Measurement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	pH Meter
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement									s	
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: R002
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: _____

COUNTY: Palm Beach

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 1 Mon.Site No. EFA-02	Permit Measurement	1.0 (Ann.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
CBOD5	Sample Measurement										
STORET No. 80082 Y Mon.Site No. EFA-02	Permit Measurement				20.0 (An.Avg.)			mg/L		Weekly	24-hour FPC
CBOD5	Sample Measurement										
STORET No. 80082 1 Mon.Site No. EFA-02	Permit Measurement				30.0 (Mo.Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Weekly	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 Y Mon.Site No. EFA-02	Permit Measurement				20.0 (An.Avg.)			mg/L		Weekly	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 1 Mon.Site No. EFA-02	Permit Measurement				30.0 (Mo.Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Weekly	24-hour FPC
pH	Sample Measurement										
STORET No. 00406 1 Mon.Site No. EFA-02	Permit Measurement				6.0 (Min.)	8.5 (Max.)		S.U.		Continuous	pH Meter
Fecal Coliform Bacteria	Sample Measurement										
STORET No. 74055 Y Mon.Site No. EFA-02	Permit Measurement				200 (An.Avg.)			#/100mL		Weekly	Grab
Fecal Coliform Bacteria	Sample Measurement										
STORET No. 74055 1 Mon.Site No. EFA-02	Permit Measurement				Report (Mo.Geo.Mean)		800 (Max.)	#/100mL		Weekly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Seacoast Utility Authority

PERMIT NUMBER: FL0038768-001-DW1P

DISCHARGE POINT NUMBER: R002

WAFR SITE No.: 18685

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
TRC for disinfection	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFA-02	Permit Measurement				0.5 (Min.)			mg/L		Continuous	Chlorine Meter
Nitrate (as N)	Sample Measurement										
STORET No. 00620 1 Mon.Site No. EFA-02	Permit Measurement				12.0 (Max.)			mg/L		Weekly	24-hour FPC
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										
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	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
MONITORING PERIOD From: _____
LIMIT: Final
CLASS SIZE: Major

To: _____
REPORT: Monthly
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursery Lane
Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
GMS ID NO.: 5050P07066
DISCHARGE POINT NUMBER: U001
PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
GMS TEST SITE NO.: 5050X12440

COUNTY: Palm Beach

THIS FORM TO BE DISCONTINUED BEGINNING IN DECEMBER 2010

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 1 Mon.Site No. EFF-02	Permit Measurement	15.0 (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
CBOD5	Sample Measurement										
STORET No. 80082 Y Mon.Site No. EFF-02	Permit Measurement				20.0 (An.Avg.)			mg/L		Daily	24-hour FPC
CBOD5	Sample Measurement										
STORET No. 80082 1 Mon.Site No. EFF-02	Permit Measurement				30.0 (Mo.Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Daily	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 Y Mon.Site No. EFF-02	Permit Measurement				20.0 (An.Avg.)			mg/L		Daily	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 1 Mon.Site No. EFF-02	Permit Measurement				30.0 (Mo.Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Daily	24-hour FPC
pH	Sample Measurement										
STORET No. 00406 1 Mon.Site No. EFF-02	Permit Measurement				6.0 (Min.)		8.5 (Max.)	S.U.		Continuous	pH Meter
	Sample Measurement										
	Permit Measurement										
	Sample Measurement										
	Permit Measurement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Seacoast Utility Authority
 MAILING ADDRESS: 4200 Hood Road
 Palm Beach Gardens, FL 33410

PERMIT NUMBER: FL0038768-014-DW1P
 MONITORING PERIOD From: _____
 LIMIT: Final
 CLASS SIZE: Major

To: _____
 REPORT: Monthly
 GROUP: Domestic

FACILITY: Seacoast Utility Authority
 LOCATION: 11498 Nursery Lane
 Palm Beach Gardens, FL 33410

FACILITY ID: FL0038768
 GMS ID NO.: 5050P07066
 DISCHARGE POINT NUMBER: U001
 PLANT SIZE/TREATMENT TYPE: IIA

WAFR SITE NO.: 18685
 GMS TEST SITE NO.: 5050X12440

COUNTY: Palm Beach

FOR USE BEGINNING IN DECEMBER 2010

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
STORET No. 50050 1 Mon.Site No. EFF-02	Permit Measurement	15.0 (An.Avg.)	Report (Mo.Avg.)	mgd						Continuous	Flow Meters
CBOD5	Sample Measurement										
STORET No. 80082 Y Mon.Site No. EFF-02	Permit Measurement				20.0 (An.Avg.)			mg/L		Daily	24-hour FPC
CBOD5	Sample Measurement										
STORET No. 80082 1 Mon.Site No. EFF-02	Permit Measurement				30.0 (Mo.Avg.)	45.0 (Week. Avg.)	60.0 (Max.)	mg/L		Daily	24-hour FPC
TSS	Sample Measurement										
STORET No. 00530 1 Mon.Site No. EFF-02	Permit Measurement						5.0 (Max.)	mg/L		Daily	24-hour FPC
pH	Sample Measurement										
STORET No. 00406 1 Mon.Site No. EFF-02	Permit Measurement				6.0 (Min.)		8.5 (Max.)	S.U.		Continuous	pH Meter
Fecal Coliform	Sample Measurement										
STORET No. 74055 1 Mon.Site No. EFF-02	Permit Measurement				25.0 (Max.)			#/100mL		Daily	Grab
Fecal Coliform, % less than detection	Sample Measurement										
STORET No. 51055 1 Mon.Site No. EFF-02	Permit Measurement				75 (Min.)			Percent		Daily	Grab
Chlorine, Total Residual (For disinfection)	Sample Measurement										
STORET No. 50060 1 Mon.Site No. EFF-02	Permit Measurement				1.0 (Min.)			mg/L		Continuous	Chlorine Meter

DAILY SAMPLE RESULTS - PART B

Permit Number: Seacoast Utility Authority - FL0038768-014-DW1P
 Month/Year:

Three-month Average Daily Flow:
 Daily Flow % of Permitted Capacity:

Days of the Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30/31
Parameter/Unit/Monitoring Location Site Number																														
Flow (mgd), EFA-01																														
Flow (mgd), EFA-02																														
Flow (mgd), EFF-01																														
Flow (mgd), EFF-02																														
Flow (mgd), INF-01																														
Flow (mgd), OTH-01																														
Flow (mgd), OTH-02																														
Flow (mgd), OTH-03																														
Flow (mgd), OTH-04																														
Flow (mgd), PPI-02																														
Day/Date of Discharge, STM-02																														
Flow (mgd), PPI-03																														
Day/Date of Discharge, STM-03																														
Flow (mgd), PPI-06																														
Day/Date of Discharge, STM-06																														
Flow (mgd), PPI-07																														
Day/Date of Discharge, STM-07																														
Flow (mgd), PPI-08																														
Day/Date of Discharge, STM-08																														
Flow (mgd), PPI-09																														
Day/Date of Discharge, STM-09																														
Flow (mgd), PPI-10																														
Day/Date of Discharge, STM-10																														
Flow (mgd), PPI-11																														
Day/Date of Discharge, STM-11																														
Day/Date of Discharge, STM-12																														
Day/Date of Discharge, STM-13																														
Flow (mgd), PPI-14																														
Day/Date of Discharge, STM-14																														

DAILY SAMPLE RESULTS - PART B (Continued)

Permit Number: Seacoast Utility Authority - FL0038768-014-DW1P
 Month/Year:

Three-month Average Daily Flow:
 Daily Flow % of Permitted Capacity:

Days of the Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30/31
Parameter/Unit/Monitoring Location Site Number																														
Day/Date of Discharge, STM-15																														
CBOD5, (mg/L), EFF-01																														
CBOD5, (mg/L), EFA-01																														
CBOD5 (mg/L), EFA-02																														
CBOD5 (mg/L), EFF-02																														
CBOD5 (mg/L), INF-01																														
TSS (mg/L), EFA-02																														
TSS (mg/L), EFF-02																														
TSS (mg/L), INF-01																														
TSS (mg/L), EFF-01																														
Suspended Solids, Total (lbs/day), EFB-01																														
pH (std. units), EFA-01																														
pH (std. units), EFF-01																														
pH (std. units), EFA-02																														
pH (std. units), EFF-02																														
Fecal Coliform,Bacteria (#/100mL), EFA-01																														
Fecal Coliform Bacteria (#/100 mL), EFA-02																														
Fecal Coliform,Bacteria (#/100mL), EFF-01																														
Fecal Coliform,Bacteria (#/100mL), OTH-01																														
Fecal Coliform Bacteria (#/100 mL), OTH-02																														
Fecal Coliform,Bacteria (#/100mL), OTH-03																														
Fecal Coliform,Bacteria (#/100mL), OTH-04																														
Chlorine, Total Residual (mg/L), EFA-01																														
TRC (For Dechlorination) (mg/L), EFF-01																														
TRC (For Disinfection) (mg/L), EFA-02																														
Nitrate (as N) (mg/L), EFA-02																														
Nitrogen, Total as N (mg/L as N), EFA-01																														
Nitrogen, Total as N (mg/L as N), EFF-01																														
Phosphorus, Total as P (mg/L as P), EFA-01																														
Phosphorus, Total as P (mg/L as P), EFF-01																														
Turbidity, Field - Nephelometric (NTUs), EFB-01																														
Water Level, Distance from measuring point (feet), EFF-01																														

DAILY SAMPLE RESULTS - PART B (Continued)

Permit Number: Seacoast Utility Authority - FL0038768-014-DW1P

Month/Year:

Three-month Average Daily Flow:

Daily Flow % of Permitted Capacity:

Plan 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:	_____

Type of Effluent Disposal or Reclaimed Water Reuse: _____

Limited Wet Weather Discharge Activated: Yes _____ No _____ Not Applicable _____ If yes, cumulative days of wet weather discharge: _____

*Attach additional sheets necessary to list all certified operators necessary for required operations.

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- BallenIsles East Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWC-BIGW-1
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

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)

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Regional Center
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWB-RCGW-1A
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Regional Center
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWB-RCGW-2A
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Golf Digest Golf Course (Mirasol)
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWB-GD-01
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Frenchman's Creek Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW1-F
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Frenchman's Creek Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW2-F
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Frenchman's Creek Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW3-F
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Eastpointe C.C. & Racquet Club
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW1
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Eastpointe C.C. & Racquet Club
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW2RC
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- Eastpointe C.C. & Racquet Club
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW2-CC
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- BallenIsles West Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWC
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- BallenIsles West Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWD
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1- BallenIsles West Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWE
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - PGA Regional WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW-1
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - PGA Regional WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW-4
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - PGA Regional WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW-8
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - PGA Regional WWTF
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW-18
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - Eastpointe Home Owners Assn.
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: EPW-1
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrate (As N)	00620		10	MG/L	Grab	Quarterly				
Total phosphorus (as P)	00665		Report	MG/L	Grab	Quarterly				
Total Coliform	31505		4	#/100ML	Grab	Quarterly				
Fecal Coliform	31615		4	#/100ML	Grab	Quarterly				
Ammonia - N	00610		Report	MG/L	Grab	Quarterly				
Total Kjeldahl nitrogen (as N)	00625		Report	MG/L	Grab	Quarterly				
Orthophosphate	70507		Report	MG/L	Grab	Quarterly				
Temperature	00010		Report	Deg. C	Grab	Quarterly				
Specific Conductivity	00094		Report	UMHO/CM	Grab	Quarterly				
Total dissolved solids	70296		500	MG/L	Grab	Quarterly				
Arsenic	00978		50	UG/L	Grab	Quarterly				
Chloride	00940		250	MG/L	Grab	Quarterly				
Cadmium	01113		5	UG/L	Grab	Quarterly				
Chromium	01118		100	UG/L	Grab	Quarterly				
Lead	01114		15	UG/L	Grab	Quarterly				
pH	00406		6.5 to 8.5	NTU	In-situ	Quarterly				
Sulfate	00945		250	MG/L	Grab	Quarterly				
Nitrite (As N)	00615		Report	MG/L	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 – Frenchman’s Reserve Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW1-FR
 Well Type: Background
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0038768-014-DWP1 - Frenchman's Reserve Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MW2-FR
 Well Type: Compliance
 Ground Water Class: G-II

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 NGVD	82545		Report	FEET	In-situ	Quarterly				
Nitrogen, Nitrate, Total (as N)	00620		10	MG/L	Grab	Quarterly				
Solids, Total Dissolved (TDS)	70295		500	MG/L	Grab	Quarterly				
Arsenic, Total Recoverable	00978		50	UG/L	Grab	Quarterly				
Chloride (as Cl)	00940		250	MG/L	Grab	Quarterly				
Cadmium, Total Recoverable	01113		5	UG/L	Grab	Quarterly				
Chromium, Total Recoverable	01118		100	UG/L	Grab	Quarterly				
Lead, Total Recoverable	01114		15	UG/L	Grab	Quarterly				
Coliform, Fecal	74055		4	#/100ML	Grab	Quarterly				
pH	00400		6.5 to 8.5	SU	In-situ	Quarterly				
Sulfate, Total	00945		250	MG/L	Grab	Quarterly				
Turbidity	00070		Report	NTU	Grab	Quarterly				

Comments and Explanation:

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.



Florida Department of Environmental Protection

Twin Towers Office Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PATHOGEN MONITORING

Part I - Instructions

1. Completion of this report is required for all domestic wastewater facilities that provide reclaimed water to one or more reuse activities that require high-level disinfection. The schedule for sampling and reporting are contained in the permit for the facility.
2. Submit one copy to each of the following addresses:
 - a. The appropriate DEP district office (attention Domestic Wastewater Program).
 - b. DEP Reuse Coordinator
Mail Station 3540
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
3. Please type or print legibly.
4. In Part II, Items 6 through 10 need to be completed only if this is the first submittal of this report, or if the information in Items 6 through 10 has changed since the last submittal.
5. Part III - The Pathogen Monitoring Report is to be submitted when sampling for pathogens at the treatment plant. Part III is also to be used when sampling for pathogens in a supplemental water supply (see Rule 62-610.472, F.A.C).
6. For each sample, record the sample volume obtained in liters.
7. For Giardia, record the concentrations in cysts per 100 liters. For Cryptosporidium, record the concentrations in oocysts per 100 liters. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed.
8. When sampling at the treatment facility, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen samples are being obtained. In addition, record the highest turbidity and the lowest total chlorine residual observed during the period when pathogen samples are being obtained.
9. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the surface water or treated stormwater as it is added to the reclaimed water system. This TSS sample shall be taken during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

10. You must report data for total cysts of *Giardia* and for total oocysts of *Cryptosporidium*. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 10 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are desirable.
11. In addition, you may choose to examine any detected cysts and/or oocysts for internal structure and report concentrations of viable cysts and oocysts. Reporting of viable cysts and oocysts is voluntary, but if done, shall be in addition to the reporting of total cysts and total oocysts. If you choose to report viable cysts and viable oocysts, attach a summary of the method used to differentiate between viable and nonviable cysts and oocysts.

Part II - General Information

1. DEP wastewater facility identification **F L** _ _ _ _ _
2. Person Completing This Form
- Name _____
- Telephone _____
3. Sampling and Analysis:
- Organization collecting the samples: _____
- Date samples delivered to laboratory: _____
- Laboratory doing the analysis: _____
- Date analytical work was done: _____
4. Is this the first time that this form has been submitted for the facility?
- ☐ Yes [Please complete Questions 6 through 10.]
- ☐ No [Proceed to Question 5.]
5. Has the information requested in Questions 6 through 10 (below) changed since the last submittal of this form?
- ☐ Yes [Please complete Questions 6 through 10.]
- ☐ No [Proceed to Part III of this form. You do not need to complete Questions 6 through 10.]
6. Type of secondary treatment system:
- ☐ Conventional activated sludge ☐ Extended aeration
- ☐ Contact stabilization ☐ Biological nutrient removal (such as Bardenpho)
- ☐ Other: _____

7. Does this treatment facility nitrify (convert ammonia nitrogen to nitrate)? ☐ Yes ☐ No

8. Filter type:

☐ Deep bed, single media

☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash

☐ Upflow (including Dynasand)

☐ Slow rate sand filter

☐ Diatomaceous earth filter

☐ Fabric filter

☐ Cartridge filter

☐ Other: _____

9. Filter Media (complete for each type of media provided):

Top layer of media:

Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media:

Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Bottom layer of media:

Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

10. Disinfection system:

☐ Chlorination, gas

☐ Chlorination, other _____

☐ Ultraviolet

☐ Ozone

☐ Other: _____

PART III - PATHOGEN MONITORING REPORT

PERMITTEE NAME:
MAILING ADDRESS:

PERMIT NUMBER:
DATE OF SAMPLING:

FACILITY:
LOCATION:

FACILITY ID:
REUSE SYSTEM:

Parameter	Quantity or Loading		Quality or Concentration	
	Sample Measurement	Units	Sample Measurement	Units
Treatment Plant: After Filter Monitoring Site No.				
Turbidity PARM Code 00070				NTU
TSS PARM Code 00530				mg/L
Treatment Plant: After Disinfection Monitoring Site No.				
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia (total count) * PARM Code GIARD				total cysts/100 L
Giardia (viable cysts) ** PARM Code VGIAR				viable cysts/100 L
Cryptosporidium (total count) * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium (viable oocysts) ** PARM Code VCRYP				viable oocysts/100 L
Supplemental Water Supply After Treatment & Disinfection Monitoring Site No.				
TSS PARM Code 00530				mg/L
Total Chlorine Residual PARM Code 50060				mg/L
Volume Collected PARM Code 71994		Liters		
Giardia (total count) * PARM Code GIARD				total cysts/100 L
Giardia (viable cysts) ** PARM Code VGIAR				viable cysts/100 L
Cryptosporidium (total count) * PARM Code CRYPT				total oocysts/100 L
Cryptosporidium (viable oocysts) ** PARM Code VCRYP				viable oocysts/100 L

Notes: * Data entries must be made for total cysts and total oocysts.

** The permittee also may analyze and report for viable cysts and viable oocysts (in addition to total cysts and oocysts). If viable cysts and oocysts are reported, you must attach a summary of the method used to differentiate between viable and nonviable cysts and oocysts.

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

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)	Signature of Principle Executive Officer or Authorized Agent	Telephone No.	Date (YY/MM/DD)

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A DRAFT

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: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER FL0038768

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursey Lane
Palm Beach Gardens, FL 33410

MONITORING GROUP PRT-I
NUMBER:
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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		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.)		UG/L		Annual	4 grabs/24 hr.period

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Di-n-octyl phthalate		Sample Measurement								
PARM Code 34596 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
1,2-diphenylhydrazine		Sample Measurement								
PARM Code 34346 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Fluoranthene		Sample Measurement								
PARM Code 34376 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Fluorene		Sample Measurement								
PARM Code 34381 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorobenzene		Sample Measurement								
PARM Code 39700 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorobutadiene		Sample Measurement								
PARM Code 39702 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachlorocyclopentadiene		Sample Measurement								
PARM Code 34386 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Hexachloroethane		Sample Measurement								
PARM Code 34396 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Indeno (1,2,3-Cd) pyrene		Sample Measurement								
PARM Code 34403 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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: Seacoast Utility Authority

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0038768

From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved		Sample Measurement								
PARM Code 34253 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: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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.)		UG/L		Annual	24-hr. FPC
Endosulfan sulfate		Sample Measurement								
PARM Code 34351 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Endrin		Sample Measurement								
PARM Code 39390 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Endrin aldehyde		Sample Measurement								
PARM Code 34366 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Heptachlor		Sample Measurement								
PARM Code 39410 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
Heptachlor epoxide		Sample Measurement								
PARM Code 39420 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1242		Sample Measurement								
PARM Code 39496 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1254		Sample Measurement								
PARM Code 39504 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1221		Sample Measurement								
PARM Code 39488 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC
PCB-1232		Sample Measurement								
PARM Code 39492 Mon.Site No. PRT-I	G	Permit Requirement		Report (An.Avg.)	Report (Max.)		UG/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Seacoast Utility Authority

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD

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: Seacoast Utility Authority

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-I

PERMIT NUMBER: FL0038768

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 DRAFT

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: Seacoast Utility Authority
MAILING ADDRESS: 4200 Hood Road
Palm Beach Gardens, FL 33410

PERMIT NUMBER FL0038768

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: Seacoast Utility Authority
LOCATION: 11498 Nursey Lane
Palm Beach Gardens, FL 33410

MONITORING GROUP PRT-E
NUMBER:
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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Alpha-bhc, Dissolved	Sample Measurement									
PARM Code 34253 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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: Seacoast Utility Authority

MONITORING GROUP PRT-E

PERMIT NUMBER: FL0038768

NUMBER:

MONITORING PERIOD 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 DRAFT

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: Seacoast Utility Authority
 MAILING ADDRESS: 4200 Hood Road
 Palm Beach Gardens, FL 33410

PERMIT NUMBER FL0038768

LIMIT: Final
 CLASS SIZE: Major
 REPORT: Annual
 GROUP: Domestic

FACILITY: Seacoast Utility Authority
 LOCATION: 11498 Nursey Lane
 Palm Beach Gardens, FL 33410

MONITORING GROUP PRT-R
 NUMBER:
 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: Seacoast Utility Authority

MONITORING GROUP
NUMBER:
MONITORING PERIOD

PRT-R

PERMIT NUMBER: FL0038768

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
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
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	Permit Requirement										

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

PERMIT NUMBER: FL0038768 (Major)

PERMIT APPLICATION NO.: FL0038768-014-DW1P

FACILITY NAME: Seacoast Utility Authority

FACILITY LOCATION: Palm Beach Gardens
Palm Beach County

NAME OF PERMITTEE: Seacoast Utility Authority

PERMIT WRITER: Bradley Akers

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date: May 12, 2004
Additional Information: July 25, 2005 and November 14, 2005

b. Type of Facility

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

c. Facility Capacity

Existing Design Capacity:	12.0	MGD	TMADF
Proposed Increase in Design Capacity:	0.0	MGD	TMADF
Proposed Total Design Capacity:	12.0	MGD	TMADF

Existing Permitted Capacity:	12.0	MGD	TMADF
Proposed Increase in Permitted Capacity:	0.0	MGD	TMADF
Proposed Total Permitted Capacity:	12.0	MGD	TMADF

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

There are no scheduled discharges of wastewater to State waters under the terms of this permit.

Outfall Serial Number D001 - On-site Percolation pond No. 2 and Emergency Storage pond)

There has not been any reported discharges from D001 which is defined in the latest NPDES permit, or the remaining outfalls D002 through D015.

Outfalls D004 and D005 have "no discharge authorized". The permittee is not presently expecting to use these outfalls during the life of this permit.

The **D007 through D015** are existing outfalls and are defined as follows:

Outfalls **D007 through D015** are defined as Day Storage facilities for High Level Disinfected reclaimed domestic wastewater for irrigation purposes in existing or new permitted MSSW ponds with outfalls to State Waters which may have intermittent discharges during certain storm events. The use and operation of the MSSW ponds are governed by Best Management Practices (BMP) as detailed in DEP Guidance Memo DOM-96-01 dated April 26, 1996. It is the Department's understanding that if the BMPs are adhered to, no significant degrading of downstream surface water quality will occur.

There shall be no scheduled discharges of wastewater under the terms of this permit. Should discharges be necessary during the mechanical integrity testing of this facility's deep wells, the permittee may request a permit revision which will allow discharges to occur during MIT well tests. Specific conditions of the revised permit will be based upon information provided in an approved Discharge Impact Minimization Plan (**DIMP**).

This permit contains one isolated golf course day storage pond (Eastpointe Housing Development Lake Harriet) and one intermittent discharge MSSW storage lake, Briar Lake. It should be noted, that all the golf course lakes isolated or intermittent MSSW dischargers have radio operated water level indicators which close distribution valves a minimum of 0.5 inch below bleeder elevations in the overflow ponds/lakes.

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 III fresh water):

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow*	Report	-	-	-	-
Carbonaceous Biochemical Oxygen Demand (5 day)	Maximum	20	30	45	60
Total Suspended Solids	Maximum	20	30	45	60
pH	Range	-	-	-	6.0 to 8.5
Fecal Coliform Bacteria	-	Sampled prior to release into percolation pond, as Part IV reuse (See R002)			
Total Residual Chlorine (For Disinfection)	Minimum	-	-	-	See R002
Total Residual Chlorine (For Dechlorination)	Maximum	-	-	-	0.01
Total Nitrogen (as N)	Report	-	-	-	-
Total Phosphorus (as P)	Report	-	-	-	-

*Based on Staff Gauge Reading

Outfalls Serial Numbers D002 (BallenIsles West Golf Course MSSW Lakes)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D003 (Eastpointe Home Owner's MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D004 (Old Marsh Golf & Country Club MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	0.0**	-	-	-
Flow-out of MSSW pond (mgd)	Maximum	Report	-	-	-

Outfall Serial Number D005 (PGA National Golf & Country Club MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	0.0**	-	-	-
Flow-out of MSSW pond (mgd)	Maximum	Report	-	-	-

Outfall Serial Number D006 (Frenchman's Creek Golf Course MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D007 (Regional Center MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D008 (BallenIsles East Golf Course MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D009 (Golf Digest Golf Course (West) MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D010 (Golf Digest Golf Course (East) MSSW Lake)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D011 (Frenchman's Reserve Golf Course)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond (mgd)	N/A	-	-	-	-

Outfall Serial Number D012 (Frenchman's Reserve Golf Course)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond (mgd)	N/A	-	-	-	-

Outfall Serial Number D013 (Frenchman's Reserve Golf Course)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

Outfall Serial Number D014 (Old Palm Golf Course)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond (mgd)	N/A	-	-	-	-

Outfall Serial Number D015 (Old Palm Golf Course)

Parameters	Effluent or Reclaimed Water Limitations				
	Maximum/ Minimum	Annual Average	Monthly Average	Weekly Average	Single Sample
Flow-in to MSSW pond (mgd)	Maximum	Report	-	-	-
Flow-out of MSSW pond	N/A	-	-	-	Each Occurrence

*Flow to these storage Ponds/Lakes is controlled by water elevation or permitted annual average flows (AADF) for that particular Pond/Lake. See section IV with the following exceptions: Flow will be terminated at the specified surface water elevations within the permit. All storage ponds are permitted under FAC 62-610.525 and are all used for ground water recharge and the storage of Part III reclaimed water for irrigation (public access land application sites). Flow to each pond may exceed the specified limits shown in Section IV.1 provided the surface elevation is not exceeded and flow from the storage pond is provided with DMRs and that flow does not violate requirements within 62-610, i.e., if the permitted reclaimed water application site can use more reclaimed water than specified without ponding or runoff, the permittee will not be in violation of their permit. The permittee is required to submit to the Department the volume of reclaimed water pumped from each storage lake by each major user quarterly.

**Permitted for emergency discharges only.

Based on guidance document (DOM-96-01) "Reuse Activities & NPDES Permitting for Golf Course Lakes", Division of Water Facilities Policy Manual, reclaimed water which will be transferred to lakes that discharge intermittently is required to meet Best Management Practices.

Additionally, the guidance document requires minimal flow monitoring on the discharge from the lakes. These requirements are specified below:

- 1) Discharges into the lake/pond must meet the quality standards for a slow-rate reuse land application system permitted under Part III of Chapter 62-610, F.A.C. (secondary treatment, high level disinfection, 5.0 mg/l TSS). (See Land Application System Serial Number R001)
- 2) The frequency and duration of discharges from the lake/pond must be monitored and reported to the Department.

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, in conduit or thru treatment plant (MGD)	15.0 12.0	Annual Average Three Month Average	62-600.400(3)(b) FAC 62-600.400(3)(b) FAC
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)*	20.0 30.0 45.0 60.0 5.0*	Annual Average Monthly Average Weekly Average Single Sample Max. 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 62-600.440(5)(f)3. FAC
pH (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC
Fecal Coliform Bacteria**	25.0	Single Sample Max.	62-600.440(5)(f)3. FAC
Total Residual Chlorine**	1.0	Single Sample Min.	62-600.440(5)(b) or (c) FAC

*No later than December 22, 2010, Total Suspended Solids shall not exceed 5 mg/L in a single sample in accordance with the new Federal regulations for existing municipal wells demonstrating "upward fluid movement", adopted by the State on December 27, 2005. At the time of permit issuance the state/EPA were considering composite and/or grab samples for the required sampling type. This permit may be modified prior to the 2010 compliance date to clarify the sampling method required. The effluent limits are based on the treatment criteria for High Level Disinfection as contained in FAC 62-600.440(5).

**The effluent limits/monitoring requirements for Fecal Coliform and Total Residual Chlorine are not applicable until December 22, 2010, in accordance with the new Federal regulations for existing municipal wells demonstrating "upward fluid movement", adopted by the State on December 27, 2005. At the time of permit issuance the state/EPA were considering composite and/or grab samples for the required sampling type. This permit may be modified prior to the 2010 compliance date to clarify the sampling method required. The effluent limits are based on the treatment criteria for High Level Disinfection as contained in FAC 62-600.440(5).

The permit requires the permittee to apply for permit revision no later than January 1, 2008, if necessary, prior to construction of additional High Level Disinfection treatment facilities. If such additional facilities are not necessary to provide High Level Disinfection for all flows to the deep injection well, a permit

revision is not necessary, but the permittee shall submit a report to the Department by the January 1, 2008 date, documenting why the HLD expansion is unnecessary.

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

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

Parameter	Limit	Basis	Rationale
Flow (MGD)	12.0	Annual Average	BPJ
Flow (groundwater) (MGD)	Report	Annual Average	BPJ
BOD, Carbonaceous 5 day, 20C (MG/L)	20.0 25.0 40.0 60.0	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
Suspended Solids, Total (MG/L)	5.0	Single Sample Max.	62-600.440(5)(f)3. FAC
Coliform, Fecal (#/100ML)	25.0 75	Single Sample Max. Percent Less Than Detection Min.	62-610.460 & 62-600.440(5)(f)2. FAC 62-610.460 & 62-600.440(5)(f)1. FAC
Chlorine, Total Residual (MG/L)	1.0	Single Sample Min.	62-600.440(5)(b) or (c) FAC
Nitrogen, Total (MG/L)	12.0	Single Sample Max.	40 CFR 133.102(a)(4)(i)
Phosphorus, Total (as P) (MG/L)	Report	Single Sample Max.	40 CFR 133.102(a)(4)(i)
Turbidity (NTU)	Report	Single Sample Max.	62-610.463(2)
pH (SU)	6.0 to 8.5	Minimum and Maximum	BPJ
Flow (MGD)	Report	Single Sample Max.	BPJ
Total Cryptosporidium (OOCYSTS/100 L)	Report	Single Sample Max.	BPJ
Total Giardia (CYSTS/100 L)	Report	Single Sample Max.	BPJ

Land Application System R-002 (rapid infiltration basin):

Parameter	Limit	Basis	Rationale
Flow, in conduit or thru treatment plant (MGD)	1.0 1.0	Annual Average Three Month Average	62-600.400(3)(b) FAC 62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (MG/L)	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-610.510 & 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)	20.0 30.0 45.0	Annual Average Monthly Average Weekly Average	62-610.510 & 62-600.740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC

Parameter	Limit	Basis	Rationale
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
Coliform, Fecal (#/100ML)	25.0	Single Sample Max.	62-610.460 & 62-600.440(5)(f)2. FAC
Nitrogen, Nitrate, Total (as N) (MG/L)	12.0	Single Sample Max.	BPJ
pH (SU)	Report	Minimum and Maximum	BPJ
Total Residual Chlorine (For Disinfection) (MG/L)	0.5	Minimum	62-610.510 & 62-600.440(4)(b) FAC

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

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
Flow, in conduit or thru treatment plant (MGD)	12.0	Annual Average	62-600.400(3)(b) FAC
Flow (MGD)	12.0	Three Month Average	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
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 disposal in a Class I or II solid waste landfill.

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

The following construction schedule for the facilities shall be followed, unless a minor permit revision is issued to amend the schedule:

Implementation Step		Completion Date
1	Modification and expansion of the existing secondary equalization basin/filter feed pond	June 1, 2006
2	Expansion and lining of existing Pond #12 for effluent storage.	June 1, 2006
3	Modify and line existing pond #10 for filter backwash / upset storage.	June 1, 2006
4	New IQ / DIW lined wetwell pond.	June 1, 2006
5	Modify existing DIW pump station for the new filter feed pump station.	June 1, 2006
6	New cloth media tertiary filters	June 1, 2006
7	New chlorine contact basins.	June 1, 2006
8	New anoxic basin drain piping.	June 1, 2006
9	New DIW pump station and surge basin.	June 1, 2006
10	New backwash / upset storage transfer pump station.	June 1, 2006
11	New pump and adjustable frequency drive motor for the existing reclaimed water pump station.	June 1, 2006
12	New odor control facilities.	June 1, 2006
13	New lime storage, mixing and pumping facilities.	June 1, 2006

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 not accompanied by an AO, and there are no unresolved compliance issues for this facility.

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.

This section is not applicable to this facility.

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

This facility does not have a new or expanded discharge.

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

The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

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:

Bradley Akers
 Engineering Specialist III
 Department's Southeast District Office
 400 North Congress Avenue, Suite 200
 West Palm Beach, FL, FL 33401 -
 Telephone Number: (561) 681-6600
 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

Notice of Draft Permit	April 7, 2006
Beginning of Public Notice Period	April 7, 2006
End of Public Notice Period	May 15, 2006
Issuance of Final Permit	February 28, 2007