



Jack Long
District Director

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

November 17, 2008

ELECTRONIC CORRESPONDENCE

Loxahatchee River Environmental Control District
Richard C. Dent, Executive Director
2500 Jupiter Park Drive
Jupiter, Florida 33458
E-mail: osprey@loxahatcheeriver.org

Permit No.: FL0034649
DEP PA File No.: FL0034649-036-DW1P-NR
County: Palm Beach
Facility: LRECD Wastewater Treatment Facility

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FL0034649 to operate an existing 11.0 million gallons per day (MGD) annual average daily flow (AADF) permitted capacity, domestic wastewater treatment facility, issued under Chapters 62-4, 62-620, 62-600 and 62-610 Florida Administrative Code, and Chapter 403 Florida Statutes.

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

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

Executed in West Palm Beach, Florida.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

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

LAB/tp

FILING AND ACKNOWLEDGMENT

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

  November 17, 2008
Clerk Date

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on November 17, 2008 to the listed persons.

  11/17/08
Name Date

Electronic copies furnished to:

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STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Loxahatchee River Environmental Control District

PERMIT NUMBER: FL0034649

DEP PA FILE NUMBER: FL0034649-036-DW1P-NR

RESPONSIBLE AUTHORITY:

Richard C. Dent, II, Executive Director
Loxahatchee River Environmental Control District
2500 Jupiter Park Drive
Jupiter, Florida 33458
Telephone: (561) 747-5700
E-mail: osprey@loxahatcheeriver.org

ISSUANCE DATE: November 17, 2008
EXPIRATION DATE: November 16, 2013

FACILITY:

LRECD Wastewater Treatment Facility
2500 Jupiter Park Drive
Jupiter, Florida 33458
Palm Beach County
Latitude: 26° 55' 27.32" N Longitude: 80° 08' 22.91" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to 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 below.

TREATMENT FACILITIES

Loxahatchee River Environmental Control District Wastewater Treatment Facility (LRECD WWTF) is an existing 11.0 million gallons per day (MGD) annual average daily flow (AADF) permitted capacity, diffused aeration wastewater treatment facility. Treatment includes primary and secondary clarification, high-rate filtration and disinfection by chlorination. Reclaimed water is used for public access irrigation on golf courses and other sites. Lime-stabilized de-watered sludge is land applied off-site. Another project for the reuse/disposal of nanofiltration concentrate was permitted on October 3, 2005, which allows the LRECD WWTF to accept 3.0 MGD maximum daily flow (MDF) of demineralization concentrate from the Town of Jupiter Water Treatment Plant nanofiltration system, which is to be blended with reclaimed water and used in the slow-rate public access land application system, R-001. Permitting conditions for the reuse/disposal of the nanofiltration concentrate have been incorporated herein.

EFFLUENT DISPOSAL

Surface Water Discharge

Discharge location **D-001** is an existing 13.0 MGD annual average daily flow (AADF) permitted discharge to Canal C-18 (Class II brackish or marine water), which is contiguous to the Loxahatchee River. The point of discharge is located approximately at latitude 26° 56' 09" N, longitude 80° 08' 21" W. Discharge location D-001 is used only as an emergency discharge of on-site reclaimed water from storage ponds and for emergency discharges during mechanical integrity testing (MIT) of the underground injection well system. However, the permittee is authorized only to maintain Discharge location D-001, hence, effluent discharge limitations for D-001 are not included in this permit. Any planned or proposed discharge to D-001 shall require prior Department approval.

Discharge location **D-002** is a discharge structure from the Abacoa Management and Storage of Surface Water (MSSW) Storage Lake System to the North Palm Beach County Improvement District (NPBCID) Canal EPB-2, and ultimately to the Intra-Coastal Waterway (ICWW), Class III waters (fresh and marine). The intermittent discharge consists of ground water, stormwater and reclaimed water stored in the MSSW system. Discharge to the Abacoa MSSW shall meet the limitations for Part III Reuse in accordance with Chapter 62-610, F.A.C. The point of discharge (D-002) is located approximately at latitude 26° 53' 10" N, longitude 80° 06' 33" W.

Discharge locations **D-003** and **D-004** are discharge structures CS-1 and CS-2 respectively from the Jupiter Country Club MSSW Storage Lake System to the South Florida Water Management District (SFWMD) C-18 Canal, a Class I receiving water and ultimately to the Loxahatchee River, Class II/III waters (marine). The intermittent discharge consists of ground water, stormwater and reclaimed water stored in the MSSW system. Discharge to the Jupiter Country Club MSSW system shall meet the limitations for Part III Reuse in accordance with Chapter 62-610, F.A.C. The points of discharge from MSSW Lake 18 and Lake 15/Marsh are located approximately at latitude 26°55'01" N, longitude 80°10'00" W (D-003) and latitude 26°55'27" N, longitude 80°09'25" W (D-004), respectively.

Underground Injection

Underground Injection Well System **U-001** is an existing 18.0 MGD peak hourly flow (PHF) permitted capacity underground injection control system for the disposal of non-hazardous, secondary treatment domestic wastewater effluent. It consists of one (1) Class I underground injection well permitted under Department permit number 0138774-047-UO, and discharging to Class G-IV ground water. Underground Injection Well System U-001 is located approximately at latitude 26° 55' 25.8" N, longitude 80° 08' 23" W.

Land Application

Land application system R-001 is an 11.0 MGD AADF permitted capacity slow-rate public access land application system. Land application areas currently include several public access golf course reclaimed water reuse sites as well as other public access areas. Reclaimed water is discharged into the Abacoa MSSW Storage Lake System (STM-01), located at 26°53'31" N, longitude 80°07'38" W. Reclaimed water at the new Jupiter Country Club site is discharged into MSSW Storage Lake 10, located at 26°56'02" N, longitude 80°09'45" W. Other public access sites that are part of R-001 do not include on-site MSSW Storage lake systems that discharge intermittently to surface waters.

A permitted project for the reuse/disposal of demineralization concentrate is underway authorizing the LRECD WWTF to reuse or dispose of 3.0 MGD, maximum daily flow, of demineralization concentrate from the Town of Jupiter's nanofiltration water treatment plant. Demineralization concentrate is proposed to be blended with effluent designated for Part III reuse and discharged to land application system R-001. There will be time periods when the land application of the blend is not feasible.

Two options may be explored to dispose of the concentrate from the Surficial Aquifer System and/or the blend:

1. If prior authorization is obtained from the Department's Underground Injection Control (UIC) program, then the concentrate and/or the blend can be diverted to the existing deep injection well.
2. Under emergency or otherwise unexpected conditions, the concentrate may be temporarily discharged to the C-18 Canal pending a revision of the Town of Jupiter's existing concentrate disposal permit.

Voluntary Monitoring by the Permittee

The permittee has an agreement with the North Palm Beach County Improvement District (NPBCID) to monitor surface waters downstream of the Abacoa MSSW Storage Lake System discharge point, D-002.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 35 of this permit.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges.

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge reclaimed water diluted with stormwater and ground water at Outfall **D-002** from Basin 5 of the Abacoa MSSW Storage Lake System, which flows intermittently (during wet weather) to NPBCID Canal EPB-2 with discharge ultimately to the Intracoastal Waterway (ICWW). The permittee is also authorized to discharge reclaimed water diluted with stormwater and ground water at Outfalls **D-003** and **D-004** from the Jupiter Country Club MSSW Storage Lake System, which flows intermittently (during wet weather) to the C-18 Canal and ultimately to the Loxahatchee River. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11:

D-002, D-002 & D-004

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow into Abacoa MSSW Storage Lake System (Part III Reclaimed Water)	MGD	Maximum	Report	Report	-	-	Continuous	Meter	STM-01	See Condition I.A.3 and 4
Flow out of Abacoa MSSW Storage Lake System (Combined Ground Water, Stormwater & Reclaimed Water)	Occurrences/ Month	Maximum	-	-	-	Report	Monthly	Observation of flow over weir	STM-03	See Condition I.A.3
Flow into Jupiter Country Club MSSW Storage Lake System (Part III Reclaimed Water)	MGD	Maximum	Report	Report	-	-	Continuous	Meter	STM-05	See Condition I.A.3, and 5
Flow out of Jupiter Country Club MSSW Storage Lake System (Combined Ground Water, Stormwater & Reclaimed Water)	Occurrences/ Month	Maximum	-	-	-	Report	Monthly	Observation of flow over weir	STM-06	See Condition I.A.3

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

Monitoring Location Site Number	Description of Monitoring Location
STM-01	Abacoa MSSW Storage Lake system influent structure.
STM-03	Abacoa MSSW Storage Lake System, Basin 5 discharge structure weir (D-002).
STM-04	Abacoa MSSW Internal Discharge Structure, "Weir Wall" (I-001)
STM-05	Jupiter Country Club MSSW Lake 10 influent structure.
STM-06	Jupiter Country Club MSSW Lake 18 Control Structure CS-1 (D-003 and D-004*).

*Outfall D-004 is located at Control Structure CS-2, but the flow can be monitored (observed) at D-003 since the lake system is interconnected and both CS-1 and CS-2 have the same control elevation.

3. Flow meters and totalizers shall be utilized to measure flow and shall be calibrated at least annually, for discharges of reclaimed water into the Abacoa and Jupiter Country Club MSSW systems. For discharges out of the MSSW systems, the number of days per month on which discharge occurs shall be observed and reported; the approximate length of time of the discharge in hours or minutes shall also be logged and reported in Part B of the DMR. [62-601.200(17) and .500(6), F.A.C.]
4. Reclaimed water meeting the requirements of Chapter 62-610, F.A.C., Part III, is permitted to be discharged to the Abacoa MSSW Storage Lake System. The Abacoa Basin 5 MSSW Storage Lake System has an internal discharge structure ("weir wall", designated as I-001) that discharges to an overland swale leading to another discharge structure, designated D-002, which then discharges off-site to NPBCID Canal EPB-2. It is possible that discharge from the structure at D-002 could occur while reclaimed water is still contained within the MSSW system (when the structure at I-001 is not discharging). **Discharge of reclaimed water into the Abacoa MSSW Storage Lake System shall occur only under the following conditions:**

- a. When the water elevation D-002 is less than the control elevation of 11.0 ft NGVD; or
- b. When the structure at D-002 is discharging (elevation greater than 11.0 ft NGVD), but the water level at the weir wall (I-001) is less than the control elevation of 11.0 ft NGVD.

The operating protocol for delivering reclaimed water to Abacoa Basin 5 shall require continuous monitoring of water elevations at D-002 and I-001 (sampling stations designated as STM-03 and STM-04 respectively). Discharge of reclaimed water to the system must be discontinued when the control elevation has been reached at both structures. Monitoring requirements with respect to the number of occurrences and duration of discharge shall be in accordance with those requirements set forth in Section I.A.1. above.

5. Reclaimed water meeting the requirements of Chapter 62-610, F.A.C., Part III, is permitted to be discharged to the Jupiter Country Club MSSW Storage Lake System (influent to Lake 10). **Discharge of reclaimed water into the system shall occur only when the water level at Control Structure CS-1 (D-003) and Control Structure CS-2 (D-004) are both less than the control elevation of 14.8 ft NGVD.** The operating protocol for delivering reclaimed water to the Jupiter Country Club shall require continuous monitoring of water elevations at D-003 (only one of the Control Structures needs to be monitored since the lake system is interconnected and the control elevations at both structures are the same). Discharge of reclaimed water to the system must be discontinued when the control elevation has been reached. Monitoring requirements with respect to the number of occurrences and duration of discharge shall be in accordance with those requirements set forth in Section I.A.1. above.
6. **At this time D-003 and D-004 are the only authorized surface water discharge points of reclaimed water from the Jupiter Country Club MSSW system, and not the proposed control structure from Lake 9 in the North Basin (north of Indiantown Road) or the gated control structure in the South Basin at the north end of Lake 18. Both of these structures eventually drain to the Northwest Fork of the Loxahatchee River and a Water Quality Based Effluent Limit would have to be developed and approved by the Department. The gated control structure shall not discharge except during extreme flooding conditions, at which time the Permittee is not responsible.**

Discharges During Mechanical Integrity Tests (MITs) at Underground Injection Well System Facilities.

7. No scheduled discharges of wastewater are permitted without prior Department approval. If discharges are deemed necessary during the Mechanical Integrity Testing (MIT) of the facility's underground injection well system, the permittee shall request Department approval to allow discharge to permitted surface water discharge locations. Department approval shall be based upon information provided in the approved Discharge Impact Minimization Plan (DIMP).
8. If an MIT will result in a discharge of wastewater to waters of the State (i.e., surface waters), the permittee shall submit a DIMP to the Department for approval within one (1) year of the MIT. The following items shall be included in the DIMP:
 - a. Alternative wastewater disposal method(s) during test periods.
 - b. Projected water quality impacts to the receiving water body under optimum temperature and stream flow conditions, and under less than optimum temperature and stream flow conditions. Optimum conditions are deemed to occur at cooler ambient temperatures and maximum receiving water dilution. Background water quality data for the receiving water body in the vicinity of the discharge point shall be provided.
 - c. Number of discharge occurrences during the term of this permit and the approximate proposed discharge dates.
 - d. Proposed discharge rate, total volume to be discharged, latitude and longitude of discharge point, name or description of receiving water body.
 - e. Expected concentrations for CBOD5, TSS, Total Nitrogen, Ammonia, TKN, Total Phosphorus, Total Residual Chlorine, and Dissolved Oxygen, Fecal Coliform Bacteria, and pH.
9. The permittee shall submit written notification to the Department prior to the scheduled date of the MIT whether or not discharge to any surface water body is expected.
10. If whole effluent toxicity (WET) testing is required, the permittee shall perform WET testing within one (1) year of any scheduled MIT that will result in discharge to a surface water body. The WET test results shall be submitted to the Department within 90-days of the scheduled MIT.
11. The permittee shall submit all other effluent monitoring data to the Department within 45 days after discharge to any surface water body.
12. If WET testing is required, the permittee shall conduct WET testing on the actual wastewater discharged to the surface water body. WET test results shall be submitted to the Department within 45 days after discharge to any surface water body.

B. Underground Injection Control Systems

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge reclaimed water or secondary effluent to Underground Injection Well System **U-001**, located at the facility site. The permittee has requested a revision to the UIC permit to allow disposal of demineralization concentrate and/or blend to the Underground Injection Well System. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.D.11.

Parameter	Units	Max/Min	Effluent Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	-	Report	-	18.0 (PHF)	Continuous	Meter	EFF-01	See Condition I.B.3. & 5.
BOD, Carbonaceous, 5-day, 20°C	Mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days/Week	24-hour flow proportioned composite	EFF-02	-
Solids, Total Suspended	Mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days/Week	24-hour flow proportioned composite	EFF-02	-
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	Meter	EFF-02	See Condition I.B.4.

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

Monitoring Location Site Number	Description of Monitoring Location
EFF-01	Flow meter to Underground Injection Well System U-001.
EFF-02	Screening structure prior to underground injection well system pumps.

- Flow to Underground Injection Well System U-001 shall not exceed 18.0 MGD, peak hourly flow (PHF).
- Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2, F.A.C.]*
- Flow meters and totalizers shall be utilized to measure flow and shall be calibrated at least annually. *[62-601.200(17) and .500(6), F.A.C.]*

C. Reuse and Land Application Systems

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

R-001 (Effluent)			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow	MGD	Maximum	11.0	Report	-	Report (Daily Max)	Continuous	Calculated	PPI-01 = [INF-01] - [EFF-01]	See Condition I.C.4.
BOD, Carbonaceous, 5-day, 20°C	Mg/L	Maximum	20.0	30.0	45.0	60.0	5 Days/Week	24-hour flow proportioned composite	EFA-01	-
Solids, Total Suspended	Mg/L	Maximum	-	-	-	5.0	Daily	Grab	EFB-01	-
Turbidity	NTU	Maximum	-	-	-	Report	Continuous	Meter	EFB-01	See Condition I.C.7.
TSS, using a TSS meter	mg/L	Maximum	See Permit Condition I.C.8.				Continuous	TSS Meter with 24-hour recording chart	EFB-01	See Cond.I.C.8.
pH	SU	Range	-	-	-	6.0 to 8.5	Continuous	Meter	EFA-01	See Condition I.C.3.
Coliform, Fecal % less than detection, monthly	Percent	Maximum	-	75	-	-	Daily	Grab	EFA-01	See Condition I.C.5.
Coliform, Fecal	#/100 mL	Minimum	-	-	-	25	Daily	Grab	EFA-01	See Condition I.C.5.
Total Residual Chlorine, (For Disinfection)	Mg/L	Minimum	-	-	-	1.0	Continuous	Meter	EFA-01	See Condition I.C.6
Giardia	Cysts/ 100 L	Maximum	-	-	-	Report	Once every 2 years	Filtered	EFA-01	-
Cryptosporidium	Oocysts/ 100 L	Maximum	-	-	-	Report	Once every 2 years	Filtered	EFA-01	-
Nitrogen, Total	Mg/L	Maximum	-	-	-	Report	Weekly	24-hour flow proportioned composite	EFA-01	-
Phosphorus, Total (as P)	Mg/L	Maximum	-	-	-	Report	Weekly	24-hour flow proportioned composite	EFA-01	-

FACILITY: LRECD Wastewater Treatment Facility
 PERMITTEE: Loxahatchee River Environmental Control District

PERMIT NUMBER: FL0034649

R-001 (Effluent Blended with Jupiter Demineralization Concentrate)			Reclaimed Water Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample Max.	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, (Concentrate)	MGD	Maximum	-	Report	-	3.0 (Daily Max)	Continuous	Meter	FLW-02	See Conditions IV.17. - 26.
Solids, Total Suspended, (Blend)	Mg/L	Maximum	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
pH, (Blend)	SU	Range	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Specific Conductance, (Blend)	umho/cm	Maximum	See Permit Condition IV.19.				Continuous	Meter	EFF-05	See Conditions IV.17. - 26.
Fluoride, Total (as F), (Blend)	Mg/L	Maximum	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Blend Ratio	Ratio	Minimum	See Permit Condition IV.18.				Continuous	Calculated	FLW-02	See Conditions IV.17. - 26.
Sodium Adsorption Ratio (SAR), (Blend)	Ratio	Maximum				Report	Weekly	Calculated	EFF-05	See Conditions IV.17. - 26.
Sodium, Total Recoverable, (Blend)	Mg/L	Maximum	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Magnesium, Total Recoverable, (Blend)	Mg/L	Maximum	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Calcium, Total Recoverable	Mg/L	Maximum	-	-	-	Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Chloride (as Cl)	Mg/L	Maximum				Report	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.
Solids, Total Dissolved (TDS)	Mg/L	Maximum				1,500	Weekly	Grab	EFF-05	See Conditions IV.17. - 26.

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

Monitoring Location Site Number	Description of Monitoring Location
EFA-01	Effluent after chlorine contact chamber.
EFB-01	Effluent after filtration and before chlorine contact chamber.
EFF-05	Sampling point of blend going to Reuse System R-001.
FLW-02	Flow meter of concentrate going to blend, and then to Reuse System R-001.
PPI-01= [INF-01] - [EFF-01]	Calculated value for effluent flow going to Reuse System R-001 = [Influent flow at INF-01] minus [Flow meter reading of Underground Injection Well System U-001 at EFF-01]

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. *[Chapter 62-601, Figure 2, F.A.C.]*
4. Flow to Reuse System R-001 shall be calculated by taking the influent flow meter reading at sampling point INF-01, and subtracting from it the flow meter reading at the underground injection well sampling point EFF-01.
5. Over a 30-day period, at least 75 percent of the fecal coliform values shall be below the detection limits. No sample shall exceed 25 fecal coliforms per 100 mL. No sample shall exceed 5.0 mg/L of total suspended solids (TSS) at a point before the application of the disinfectant. Note: To report the “% less than detection,” count the number of fecal coliform observations that were less than detection, divide by the total number of fecal coliform observations in the month, and multiply by 100% (round to the nearest integer). *[62-600.440(5)(f)]*
6. The minimum total chlorine residual shall be limited as described in the approved Operating Protocol, such that the permit limitation for fecal coliform bacteria will be achieved. In no case shall the total chlorine residual be less than 1.0 mg/L. *[62-600.440(5)(b); 62-610.460(2); and 62-610.463(2), F.A.C.]*
7. The maximum turbidity shall be limited as described in the approved Operating Protocol, such that the permit limitations for total suspended solids and fecal coliforms will be achieved. *[62-610.463(2), F.A.C.]*
8. If the permittee elects to use a “TSS meter” in lieu of a turbidity meter to monitor reclaimed water, the maximum reading from the TSS meter (“set point” of TSS in mg/L) shall be limited as described in the approved operating protocol. However, the initial diversion set point shall be set at 4.0 mg/L TSS until sufficient data is collected to verify the relationship between the TSS and the daily TSS grab samples. The TSS meter shall not be used in lieu of the daily TSS daily grab sample for compliance purposes. The TSS meter shall be calibrated according to the manufacturer’s recommendations and shall be recalibrated if the TSS meter reading at the time the daily grab sample is taken varies by more than 0.5 mg/L from the grab sample. If a TSS meter is used, the minimum sample filtration size for the daily TSS grab sample shall be 1,000mL (or 1 liter), measured in 0.1 mg/L increments. *[62-610.463(2) and 62-610.320(6)(g)]*

D. Other Limitations and Monitoring and Reporting Requirements

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

Parameter	Units	Max/Min	Limitations				Monitoring Requirements			
			Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Flow, Influent	MGD	Maximum	11.0	Report	-	-	Continuous	Meter	INF-01	See Cond.I.D.3, 4
Percent Capacity, (TMADF / Permitted Capacity) x 100	Percent	Maximum	-	Report	-	-	Monthly	Calculated	OTH-01	-
BOD, Carbonaceous 5 day, 20C	Mg/L	Maximum	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-02	See Cond.I.D.3
Solids, Total Suspended	Mg/L	Maximum	-	Report	-	-	5 Days/Week	24-hour flow proportioned composite	INF-02	See Cond.I.D.3

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

Monitoring Location Site Number	Description of Monitoring Location
INF-01	Influent flow meter at Parshall Flume + Equalization flow meter
INF-02	Influent line at common header before bar screen.
OTH-01	Calculated value for Percent Capacity.

- 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), F.A.C.]
- Flow meters and totalizers shall be utilized to measure flow and shall be calibrated at least annually. [62-601.200(17) and .500(6), F.A.C.]

5. The treatment facilities shall be operated in accordance with all approved operating protocols. Only reclaimed water that meets the criteria established in the approved operating protocol(s) may be released to system storage or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to reject storage for subsequent additional treatment or disinfection, or to the on-site underground injection well system.

The operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements and established demineralization concentrate blend ratio and specific conductance limit. Updated operating protocols shall be submitted to the Department for review and approval upon revision of the operating protocol(s) and with each permit application. [62-610.320(6) and 62-610.463(2), F.A.C.]

6. Instruments for continuous on-line monitoring of total residual chlorine and turbidity shall be equipped with an automated data logging or recording device. [62-610.463(2) and .865(8)(d), F.A.C.]
7. Intervals between sampling for Giardia and Cryptosporidium shall not exceed three (3) months. Sampling results shall be reported on DEP Form 62-610.300(4)(a)4., which is attached to this permit. This form shall be submitted to the Department and to DEP's Reuse Coordinator in Tallahassee. [62-610.568(11), F.A.C.]
8. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6), F.A.C.]
9. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "Florida Department of Environmental Protection Table as Required By Rule 62-4.246(4) Testing Methods for Discharges to Surface Water" is available at <http://www.dep.state.fl.us/labs/guidance/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
 - a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide a MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is in accordance with 40 CFR 136. [62-4.246 and 62-160, F.A.C.]

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

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

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

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

[62-620.610(18), and 62-601.300(1), (2), and (3), F.A.C.]

12. During the period of operation authorized by this permit, reclaimed water or effluent shall be monitored annually for the primary and secondary drinking water standards contained in Chapter 62-550, F.A.C., (except turbidity, color, and corrosivity). Twenty-four hour (24-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 DMR. During the 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 June 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(i), F.A.C., shall be used for the analysis. If no method is included for a parameter, methods specified in Chapter 62-550, F.A.C., shall be used. *[62-601.300(4), 62-601.500(3), and 62-610.300(4), F.A.C.]*

13. An annual scan of the parameters listed as primary and secondary drinking water standards in Chapter 62-550, F.A.C. (except for turbidity, total coliforms, color, and corrosivity), shall be conducted for the demineralization concentrate and the blend. The permittee shall submit an annual summary of water quality in the reclaimed water, the concentrate, the blend, and ground water monitoring wells. Correlations between specific conductance and chloride, and total dissolved solids shall be developed and reported. The summary shall include an evaluation of any adverse affects on vegetation and ground water quality and needed corrective actions, including needed revisions to the operating protocol. Results of the annual scans and annual summary shall be submitted with the December DMR each year. *[62-610.865(8)(f) and (11), F.A.C.]*
14. The permittee shall submit an Annual Reuse Report using DEP Form 62-610.300(4)(a)2. on or before January 28th of each year. *[62-610.870(3), F.A.C.]*
15. The permittee shall maintain an inventory of storage systems. The inventory shall be submitted to the Department at least 30 days before reclaimed water will be introduced into any new storage system. The inventory of storage systems shall be attached to the annual submittal of the Annual Reuse Report. *[62-610.464(5), F.A.C.]*
16. Unless specified otherwise in this permit, all reports, including DMRs, and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

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

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

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

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is land application or disposal in a Class I or II solid waste landfill. The Permittee has entered into an Interlocal Agreement with the Palm Beach County Solid Waste Authority for residuals processing and recycling, which is scheduled to begin operation in 2009. After Palm Beach County's residuals processing facility is operational, part or all of the Permittee's residuals may be transferred to the new facility.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. *[62-640.300(5), F.A.C.]*
3. The permittee will not be held responsible for violations resulting from land application of residuals if the permittee can demonstrate that it has delivered residuals that meet the parameter concentrations and appropriate treatment requirements of this rule and the applier (e.g. hauler, contractor, site manager, or site owner) has legally agreed in writing to accept responsibility for proper land application of the residuals. Such an agreement shall state that the applier agrees, upon delivery of residuals that have been treated as required by Chapter 62-640, F.A.C., that he will accept responsibility for proper land application of the residuals as required by Chapter 62-640, F.A.C., and that the applier agrees that he is aware of and will comply with requirements for proper land application as described in the facility's permit. *[62-640.300(5), F.A.C.]*
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. *[62-640.100(6)(k)3. and 4., F.A.C.]*

5. Land application of residuals shall be in accordance with the conditions of this permit, the approved Agricultural Use Plan(s), and the requirements of Chapter 62-640, F.A.C. [62-640, F.A.C.]
6. The domestic wastewater residuals for this facility are classified as **Class B**.
7. The permittee shall achieve Class B pathogen reduction by meeting the pathogen reduction requirements in section 503.32(b)(3) (Use of PSRP - Lime Stabilization) of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(1)(b), F.A.C.]
8. The permittee shall achieve vector attraction reduction by meeting the vector attraction reduction requirements in section 503.33(b)(6) of Title 40 CFR Part 503, revised as of October 25, 1995. [62-640.600(2)(a)]
9. Treatment of liquid residuals or septage for the purpose of meeting the pathogen reduction or vector attraction reduction requirements set forth in Rule 62-640.600, F.A.C., shall not be conducted in the tank of a hauling vehicle. Treatment of residuals or septage for the purpose of meeting pathogen reduction or vector attraction reduction requirements shall take place at the permitted facility. [62-640.400(8), F.A.C.]
10. The permittee shall sample and analyze the Class A or Class B residuals to monitor for pathogen and vector attraction reduction requirements of Rule 62-640.600, F.A.C., and the parameters listed in the table below at least once every twelve (12) months. All samples shall be representative of the residuals used or land applied and shall be taken after final treatment of the residuals but before use or land application.

Parameter	Ceiling Concentrations (Single Sample)	Cumulative Application Limits
Total Nitrogen	(Report only) % dry weight	Not applicable
Total Phosphorus	(Report only) % dry weight	Not applicable
Total Potassium	(Report only) % dry weight	Not applicable
Arsenic	75 mg/kg dry weight	36.6 pounds/acre
Cadmium	85 mg/kg dry weight	34.8 pounds /acre
Copper	4300 mg/kg dry weight	1340 pounds/acre
Lead	840 mg/kg dry weight	268 pounds/acre
Mercury	57 mg/kg dry weight	15.2 pounds/acre
Molybdenum	75 mg/kg dry weight	Not applicable
Nickel	420 mg/kg dry weight	375 pounds/acre
Selenium	100 mg/kg dry weight	89.3 pounds/acre
Zinc	7500 mg/kg dry weight	2,500 pounds/acre
pH	(Report only) standard units (SU)	Not applicable
Total Solids	(Report only) %	Not applicable

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

Monitoring Location Site Number	Description of Monitoring Location
RMP-B	Residual cake after lime has been applied.

12. Sampling and analysis shall be conducted in accordance with Title 40 CFR Part 503, section 503.8 and the U.S. Environmental Protection Agency publication - POTW Sludge Sampling and Analysis Guidance Document, 1989. In cases where disagreements exist between Title 40 CFR Part 503, section 503.8 and the POTW Sludge Sampling and Analysis Guidance Document, the requirements in Title 40 CFR Part 503, section 503.8 will apply. [62-640.650(1), 62-640.700(1), 62-640.700(3)(b), and 62-640.850(3), F.A.C.]
13. Grab samples shall be used for pathogens and determinations of percent volatile solids. Composite samples shall be used for metals. [62-640.650(1)(e), F.A.C.]
14. Residuals shall not be land applied if a single sample result for any parameter exceeds the ceiling concentrations given in this permit. Monthly averages of parameter concentrations shall be determined by taking the arithmetic mean of all sample results for the month. [62-640.650(1)(f), F.A.C.]
15. The permittee shall submit the results of all residuals monitoring with the permittee's Discharge Monitoring Report under Chapter 62-601, F.A.C. The analytical results from each sampling event shall be submitted with the report for the month in which the sampling event occurs. [62-640.650(3)(a) and (e), F.A.C.]
16. Class B residuals shall not be used on unrestricted public access areas. Use of Class B residuals is limited to restricted public access areas such as agricultural sites, forests, and roadway shoulders and medians. [62-640.600(3)(b), F.A.C.]
17. Plant nursery use of Class B residuals is limited to plants which will not be sold to the public for 12 months after the last application of residuals. [62-640.600(3)(b)1., F.A.C.]
18. Use of Class B residuals on roadway shoulders and medians is limited to restricted public access roads. [62-640.600(3)(b)2., F.A.C.]
19. Food crops, feed crops, and fiber crops shall not be harvested for 30 days following the last application of Class B residuals. [62-640.600(3)(b)6., F.A.C.]
20. Food crops with harvested parts that touch the residuals/soil mixture and are totally above the land surface shall not be harvested for 14 months after the last application of Class B residuals. [62-640.600(3)(b)3., F.A.C.]
21. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of Class B residuals when the residuals remain on the land surface for four months or longer before incorporation into the soil. [62-640.600(3)(b)4., F.A.C.]
22. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of Class B residuals when the residuals remain on the land surface for less than four months before incorporation into the soil. [62-640.600(3)(b)5., F.A.C.]
23. Animals shall not be grazed on the land for 30 days after the last application of Class B residuals. [62-640.600(3)(b)7., F.A.C.]
24. Sod which will be distributed or sold to the public or used on unrestricted public access areas shall not be harvested for 12 months after the last application of Class B residuals. [62-640.600(3)(b)8., F.A.C.]

25. The public shall be restricted from application zones for 12 months after the last application of Class B residuals. *[62-640.600(3)(b), F.A.C.]*
26. Residuals that do not meet the requirements of Chapter 62-640, F.A.C., for Class AA designation shall not be used for the cultivation of tobacco or leafy vegetables. *[62-640.400(7), F.A.C.]*
27. Current Agricultural Use Plan(s) identify residuals land-spreading on the following sites:

Application Site Number	Site Name	Application Area (acres)	County
FLA331473	Whaley Ranch	2017	Osceola
FLA587214	Corrigan Ranch	2200	Indian River

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

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

[62-640.300(2) and (3), F.A.C.]

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

32. Residuals application sites shall be posted with appropriate advisory signs identifying the nature of the project area. *[62-640.700(2)(f), F.A.C.]*
33. The pH of the residuals soil mixture shall be 5.0 standard units or greater at the time residuals are applied. At a minimum, soil pH testing shall be done annually. *[62-640.700(5)(d), F.A.C.]*
34. The permittee shall maintain records of application zones and application rates and shall make these records available for inspection within seven days of request by the Department, or delegated Local Program. The permittee shall maintain record items a. through e. below in perpetuity, and maintain record items f. through k. for five (5) years:
 - a. Date of application of the residuals;
 - b. Location of the residuals application site as specified in the Agricultural Use Plan;
 - c. Identification of each application zone used by the permittee at the application site and the acreage of each zone;
 - d. Amount of residuals applied or delivered to each application zone;
 - e. Cumulative loading of each application zone;
 - f. The names of all other wastewater facilities using each of the application zones identified in item c.;
 - g. Method of incorporation (if any);
 - h. Measured pH of the residuals soil mixture at the time the residuals are applied (tested at least annually);
 - i. Unsaturated depth of soil above the water table level at the time of application;
 - j. Concentration of parameters in the residuals as required by this permit, and the date of last analysis; and
 - k. The results of any soil testing that is done under Rule 62-640.500(4)(a), F.A.C.*[62-640.650(2), F.A.C.]*
35. The permittee shall submit an annual summary of residuals application activity to the Southeast District Office on Department Form 62-640.210(2)(b) for all residuals applied during the period of January 1 through December 31. The summary for each year shall be submitted by February 19 of the following year. If more than one facility applies residuals to the same application zones, the summary must include a subtotal of each facility's contribution of residuals to the application zones. *[62-640.650(3)(b), F.A.C.]*
36. If residuals that are subject to the cumulative loading limitations of Rule 62-640.700(3), F.A.C., have been applied to an application zone, and the cumulative loading amount of one or more of the pollutants is not known, no further applications of residuals may be made to that application zone. *[62-640.700(3)(f), F.A.C.]*
37. A minimum unsaturated soil depth of two feet above the water table level is required at the time the residuals are applied to the soil. *[62-640.700(6)(a), F.A.C.]*
38. Residuals shall not be applied during rains that cause runoff from the site or when surface soils are saturated. *[62-640.700(7)(a), F.A.C.]*
39. Land application of "other solids" as defined in Chapter 62-640, F.A.C., is only allowed if specifically addressed in the Agricultural Use Plan(s) approved for this facility. Land application of "other solids" is subject to Chapter 62-640, F.A.C., and the permit conditions that apply to land applied residuals. *[62-640.860, F.A.C.]*
40. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d), F.A.C.]*

41. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. *[62-640.300(4), F.A.C.]*

III. GROUND WATER REQUIREMENTS

Construction Requirements

1. The permittee shall give at least 72-hours notice to the Department's Southeast District office prior to the installation of any monitoring wells detailed in this permit. *[62-4.070]*
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 establish the well depth and screen interval. *[62-522.900(3)]*
3. Within 30 days after 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. Prior to commencement of discharge of reclaimed water to the MSSW (Stormwater) lakes at the Jupiter Country Club Golf Course, the permittee shall characterize the ground water quality by sampling the new monitoring wells at the new site, MWB-01-Jupiter CC, MWC-02-Jupiter CC and MWC-03-Jupiter CC, identified in Permit Condition III.5., and submit the results to the Department's Southeast District office. *[62-522.600]*

Operational Requirements

1. For the Part III Public Access system, 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 user's site 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), 62-522.400, and 62-522.410, F.A.C.]*
2. For the underground injection system U-001, no zone of discharge will be allowed. *[62-610.466(14)(b) or .560, F.A.C.]*
3. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. *[62-520.400 and 62-520.420(4), F.A.C.]*
4. During the period of operation authorized by this permit, the permittee shall sample ground water in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-522.600, F.A.C. *[62-522.600]/[62-610.463, F.A.C.]*
5. The following monitoring wells shall be sampled in accordance with the monitoring frequencies specified in Permit Condition III.6., for Reuse System R-001. Annual sampling must be reasonably spaced to be representative of potentially changing conditions.

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWB-01-Riverbend	Riverbend Background Monitoring Well-01. Located @ N end of property, 9.5 ft. S of property line, and 11 ft. W of wall gutter, SW of gate.	16.5	Surficial	Existing

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-02-Riverbend	Riverbend Compliance Monitoring Well-02. Located E of tennis court, 7 ft. W, and 8 ft. S of administration building.	16.5	Surficial	Existing
MWB-01-Tequesta Country Club	Tequesta Country Club Background Monitoring Well-01. Located 100 ft. S of holding pond.	24	Surficial	Existing
MWC-02-Tequesta Country Club	Tequesta Country Club Compliance Monitoring Well-02. Located immediately N of holding pond.	22	Surficial	Existing
MWC-01-Admirals Cove	Admiral's Cove Compliance Monitoring Well-01. Located @ NE section of Fairway #2.	20	Surficial	Existing
MWB-02-Admirals Cove	Admiral's Cove Background Monitoring Well-02. Located @ SW corner of Fredrick Small Road.	21.5	Surficial	Existing
MWB-01-Turtle Creek	Turtle Creek Background Monitoring Well-01. Located S of holding pond, 159 ft NW of golf cart path.	19	Surficial	Existing
MWC-02-Turtle Creek	Turtle Creek Compliance Monitoring Well-02. Located NW of holding pond, 146 ft. from pump house @ 18th tee, and 66 ft. E of golf cart path.	19	Surficial	Existing
MWB-01-Jonathan's Landing	Jonathan's Landing Background Monitoring Well-01. Located SE of Cassekey Island Road.	24.5	Surficial	Existing
MWC-02-Jonathan's Landing	Jonathan's Landing Compliance Monitoring Well-02. Located E of holding pond.	23.5	Surficial	Existing
MWC-01-Jupiter Hills	Jupiter Hills Compliance Monitoring Well-01. Located on S side of irrigated area, and N of Tequesta production well site.	10	Surficial	Existing
MWB-03-Jupiter Hills	Jupiter Hills Background Monitoring Well-03. Located @ the NW corner of irrigated area.	14	Surficial	Existing
MWC-01-Loxahatchee Club	Loxahatchee Club Compliance Monitoring Well-01. Located @ N side of Pinetree Trail, and N of Jupiter water well #18.	14.25	Surficial	Existing
MWC-02-Loxahatchee Club	Loxahatchee Club Compliance Monitoring Well-02. Located @ E side of Maplewood Drive, and SE of Jupiter water well #19.	14.75	Surficial	Existing

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWB-03-Loxahatchee Club	Loxahatchee Club Background Monitoring Well-03. Located E of MWC-01, and N of golf course lake.	34	Surficial	Existing
MWC-04-Loxahatchee Club	Loxahatchee Club Compliance Monitoring Well-04. Located 1,400 ft S of Toney Penna Drive, and 150 ft. W of Pinetree Trail.	15	Surficial	Existing
MWC-01-Indian Creek	Indian Creek Compliance Monitoring Well-01. Located SE and adjacent to retention pond.	21.5	Surficial	Existing
MWC-02-Indian Creek	Indian Creek Compliance Monitoring Well-02. Located adjacent to fairway and equidistant between production wells #21 & #22, within their 500-day travel-time contour.	21	Surficial	Existing
MWC-03-Indian Creek	Indian Creek Compliance Monitoring Well-03. Located directly E of club house parking lot, and N of entrance road off Central Boulevard.	19	Surficial	Existing
MWB-04-Indian Creek	Indian Creek Background Monitoring Well-04. Located N of green #5, and 200 ft. from irrigation area.	20.25	Surficial	Existing
MWC-01-Abacoa	Abacoa Compliance Monitoring Well-01. Located ~550 ft. E of Height Boulevard, and ~75 ft. S of Frederick Small Road.	19.5	Surficial	Existing
MWC-02-Abacoa	Abacoa Compliance Monitoring Well-02. Located ~1,450 ft. N of Donald Ross Road, and ~650 ft. W of Palmside Drive.	14.8	Surficial	Existing
MWC-03-Abacoa	Abacoa Compliance Monitoring Well-03. Located ~450 ft. N of Donald Ross Road and ~100 ft. E of Palmside Drive.	13.1	Surficial	Existing
MWB-04-Abacoa	Abacoa Background Monitoring Well-04. Located ~600 ft. W of Central Boulevard, and ~100 ft. S of Frederick Small Road.	13.4	Surficial	Existing
MWB-01-Bear's Club	Bear's Club Background Monitoring Well-01. Located on Bear's Club Drive, off Donald Ross Road, across from lift station and pump house.	17.2	Surficial	Existing
MWC-02-Bear's Club	Bear's Club Compliance Monitoring Well-02. Located in front of lift station on Bear's Club Drive	17.2	Surficial	Existing

Monitoring Well ID	Alternate Well Name and/or Description of Monitoring Location	Depth (Feet)	Aquifer Monitored	New or Existing
MWC-03-Bear's Club	Bear's Club Compliance Monitoring Well-03. Located between driveways at #142 Bear's Club Drive, 30 feet past electric boxes.	17.2	Surficial	Existing
MWB-01-Jupiter CC	Jupiter CC Background Monitoring Well-01. Located at latitude 26°56'04" N, longitude 80°09'19" W	TBD	Surficial	New
MWC-02-Jupiter CC	Jupiter CC Compliance Monitoring Well-02. Located at latitude 26°56'00" N, longitude 80°09'45" W	TBD	Surficial	New
MWC-03-Jupiter CC	Jupiter CC Compliance Monitoring Well-03. Located at latitude 26°55'45" N, longitude 80°09'38" W	TBD	Surficial	New

MWB = Background; MWI = Intermediate; MWC = Compliance

[62-522.600 and 62-610.463, F.A.C.]

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

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency*
Water Level Relative to NGVD	Report	FEET	In-situ	Annually
Nitrogen, Nitrate, Total (as N)	10	mg/L	Grab	Annually
Solids, Total Dissolved (TDS)	500	mg/L	Grab	Annually
Arsenic, Total Recoverable	10	ug/L	Grab	Annually
Chloride (as Cl)	250	mg/L	Grab	Annually
Cadmium, Total Recoverable	5	ug/L	Grab	Annually
Chromium, Total Recoverable	100	ug/L	Grab	Annually
Lead, Total Recoverable	15	ug/L	Grab	Annually
Coliform, Fecal	4	#/100 mL	Grab	Annually
pH	6.0 to 8.5	SU	In-situ	Annually
Sulfate, Total	250	mg/L	Grab	Annually
Turbidity	Report	NTU	Grab	Annually

*The permittee shall notify the Department if and when demineralization concentrate from the Town of Jupiter is to be blended with reclaimed water. Ground water sampling frequency shall then revert to quarterly. After adequate data is available, the permittee may request the frequency to be changed to annual.

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

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

SAMPLE PERIOD	REPORT DUE DATE
January - March	April 28
April - June	July 28
July - September	October 28
October - December	January 28

13. If any monitoring well becomes damaged or cannot be sampled for some reason, the permittee shall notify the Department's Southeast District Office immediately and a written report shall follow within seven days detailing the circumstances and remedial measures taken or proposed. Repair or replacement of monitoring wells shall be approved in advance by the Department's Southeast District Office. *[62-522.600 and 62-4.070(3), F.A.C.]*
14. All piezometers and monitoring wells not part of the approved ground water monitoring plan are to be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C., unless there is intent for their future use. *[62-532.500(4), F.A.C.]*

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

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

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
Abacoa	Golf Course, Athletic Complexes, Parks, and Residential Irrigation	4.10	807
Admirals Cove	Golf Course Irrigation	1.7	350
Bears Club	Golf Course Irrigation	0.5	141
Indian Creek	Golf Course Irrigation	0.34	85
Jonathan's Landing	Golf Course Irrigation	0.73	120
Jupiter Country Club	Golf Course Irrigation	1.0	260
Jupiter Hills Club #1 North	Golf Course Irrigation	0.44	110
Jupiter Hills Club #2 South	Golf Course Irrigation	0.66	110
Loxahatchee Club	Golf Course Irrigation	0.65	163
Ritz Carlton	Golf Course Irrigation	0.50	130
Riverbend	Golf Course Irrigation	0.4	100
Tequesta Country Club	Golf Course Irrigation	0.5	125
Turtle Creek	Golf Course Irrigation	0.55	138
TOTALS		12.07	2,639

[62-610.800(5) and 62-620.630(10)(b), F.A.C.]

2. Cross-connections to the potable water system are prohibited. *[62-610.469(7), F.A.C.]*
3. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use. *[62-610.469(7), F.A.C.]*
4. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify the proper use of reclaimed water. Inspections are required when a customer first connects to the reuse distribution system. Subsequent inspections are required as specified in the cross-connection control and inspection program. *[62-610.469(7)(h), F.A.C.]*
5. If a cross-connection between the potable and reclaimed water systems is discovered, the permittee shall:
 - a. Immediately discontinue potable water and/or reclaimed water service to the affected area.
 - b. If the potable water system is contaminated, clear the potable water lines.
 - c. Eliminate the cross-connection.
 - d. Test the affected area for other possible cross-connections.

- e. Within 24 hours, notify the Southeast District Office's domestic wastewater and drinking water programs, and the Palm Beach County Health Department's drinking water program.
- f. Within five (5) days of discovery of a cross-connection, submit a written report to the Department detailing: a description of the cross-connection, how the cross-connection was discovered, the exact date and time of discovery, approximate time that the cross-connection existed, the location, the cause, steps taken to eliminate the cross-connection, whether reclaimed water was consumed, and reports of possible illness, whether the drinking water system was contaminated and the steps taken to clear the drinking water system, when the cross-connection was eliminated, plan of action for testing for other possible cross-connections in the area, and an evaluation of the cross-connection control and inspection program to ensure that future cross-connections do not occur. *[62-555.350(3), 62-555.360 and 62-620.610(20), F.A.C.]*

The Department recognizes that the Loxahatchee River Environmental Control District (LRECD) is not a purveyor of potable water. The LRECD shall therefore notify the Town of Jupiter of any occurrences of cross-connection or any issues relating to cross-connection.

- 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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 9. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 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), F.A.C.]*
- 13. All new advisory signs and labels on vaults, service boxes, or compartments that house hose bibbs along with all labels on hose bibbs, valves, and outlets shall bear the words "do not drink" and "no beber" along with the equivalent standard international symbol. In addition to the words "do not drink" and "no beber," advisory signs posted at storage ponds and decorative water features shall also bear the words "do not swim" and "no nadar" along with the equivalent standard international symbols. Existing advisory signs and labels shall be retrofitted, modified, or replaced in order to comply with the revised wording requirements. For existing advisory signs and labels this retrofit, modification, or replacement shall occur within 365 days after the date of this permit. For labels on existing vaults, service boxes, or compartments housing hose bibbs this retrofit, modification, or replacement shall occur within 730 days after the date of this permit. *[62-610.468 and 62-610.469, F.A.C.]*

14. The permittee shall ensure that users of reclaimed water are informed about the origin, nature, and characteristics of reclaimed water; the manner in which reclaimed water can be safely used; and limitations on the use of reclaimed water. Notification is required at the time of initial connection to the reclaimed water distribution system and annually after the reuse system is placed into operation. A description of on-going public notification activities shall be included in the Annual Reuse Report. *[62-610.468(6), F.A.C.]*
15. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414 & 62-610.464, F.A.C.]*
16. Overflows from emergency discharge facilities on storage ponds shall be reported as an abnormal event to the Department's Southeast District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9), F.A.C.]*

Blending of Concentrate with Reclaimed Water

17. The permittee is authorized to reuse/dispose of 3.0 million gallons per day (MGD), maximum daily flow (MDF), of demineralization concentrate from the Town of Jupiter's new nanofiltration water treatment plant. The concentrate will be treated for removal of hydrogen sulfide through a packed tower aeration system and chlorinated at the water treatment plant prior to being pumped to the LRECD WWTF. Under normal operating conditions, the concentrate will be pumped to the LRECD stabilization ponds and/or lakes and delivered to the LRECD WWTF reuse distribution system. *[62-610.865, F.A.C.]*
18. A minimum blend ratio of domestic wastewater effluent to concentrate shall be equaled or exceeded at all times. The flow of the concentrate shall be measured continuously (tentatively planned at the Town of Jupiter nanofiltration plant), along with either the flow of the reclaimed water before blending, or the blended water, so that the blend ratio is continuously monitored. A minimum blend ratio of 3:1 (effluent:concentrate) shall be used initially, based on a maximum total dissolved solids (TDS) concentration of 1,500 mg/L. After startup of the Town of Jupiter's new nanofiltration water treatment plant and when a significant amount of operational data is obtained, the minimum blend ratio may be revised appropriately in order to protect vegetation and soils of the reuse customers. Prior to revising the minimum blend ratio, the permittee shall obtain written approval from the Department. *[62-610.865(6)(d), F.A.C.]*
19. The permittee shall develop an operating protocol for the blending operation prior to placing it into service. The operating protocol shall include provisions for continuous measurements of the blending ratio and specific conductance, and shall identify setpoints to be used for each of these parameters in order to instruct the plant operator(s) on acceptable reuse quality which may be delivered to the reuse distribution system. Initially, a setpoint for specific conductance of 3,000 umhos/cm for the blend shall be used, based on a TDS concentration of 1,500 mg/L, which when exceeded, shall shut off the blend going to the reuse distribution system. The operating protocol may be incorporated into the existing protocol used for the high-level disinfection system and shall be submitted to the Department for written approval prior to using the blending operation. *[62-320(6), F.A.C.]*
20. When the set point for the blend is reached, the flow of concentrate to the LRECD stabilization ponds and/or lakes shall be discontinued. The permittee applied for a permit modification from the Department's Underground Injection Control (UIC) program on June 26, 2008, to divert the concentrate and/or blend to the existing deep injection well at the plant.
21. The blend delivered to the reuse distribution system (monitoring location site number EFF-05) shall be monitored weekly for Total Suspended Solids (TSS), Fluoride, Total Dissolved Solids, Chlorides, Total Sodium, Total Magnesium, Total Calcium, pH, and Sodium Absorption Ratio (SAR), and reported on the facility's DMR.

22. The annual scan for primary and secondary drinking water standards shall be accomplished for the concentrate prior to blending (monitoring location EFF-04), after the concentrate/reclaimed water blend going to the reuse system (monitoring location EFF-05). These monitoring location sites are described in the following table:

Monitoring Location Site Number	Description of Monitoring Location
EFF-04	Concentrate prior to blending.
EFF-05	Sampling point of blend going to Reuse System R-001.

23. A report summarizing water quality in the reclaimed water, concentrate, blend, and ground water monitoring wells shall be submitted annually in accordance with Rule 62-610.865(11), F.A.C. Correlations between specific conductance and chloride, and total dissolved solids shall be developed and reported. The summary shall include an evaluation of any adverse effects on vegetation and ground water quality, together with any needed corrective actions or revisions to the operating protocol. *[62-610.865(11), F.A.C.]*
24. Before placing the blending system into operation, the permittee shall execute an agreement with the Town of Jupiter to ensure acceptable system performance in accordance with Rule 62-610.865(7)(c), F.A.C. A permit modification to the Town of Jupiter's wastewater permit FL0042358 may be necessary in accordance with Rule 62-610.865(7), F.A.C. *[62-610.865(7), F.A.C.]*
25. Prior to placing the modified portions of the existing facilities or any individual unit processes into operation for any purpose other than testing for leaks and equipment operations, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities.
26. Within six (6) months after the modified facility is placed into operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-600, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form.

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 I, 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, and 62-610.462, F.A.C.]

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), F.A.C.]*
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)), F.A.C.]*
5. The permittee shall maintain the following records at the site of the wastewater treatment facility, and make them available for inspection.
 - 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 (3) 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, F.A.C.]

VI. SCHEDULES

Not applicable

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, F.A.C.]*
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, F.A.C.]*

3. The permittee shall perform the pretreatment functions as required in Chapter 62-625, F.A.C., including, but not limited to, the following:
- 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.;
 - Implementing the programmatic functions as required under Rule 62-625.500(2)(b), F.A.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
 - 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, F.A.C.]

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 **November 1st** of each year.

[62-625.600(12), F.A.C.]

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

Monitoring Location Site Number	Description of Monitoring Location
PRT-I	Auto-sampler located at the headworks before the bar screen.

Monitoring Location Site Number	Description of Monitoring Location
PRT-E	Auto-sampler located at the effluent sampling point after the chlorine contact chamber.
PRT-R	Residual cake after lime has been applied (same location as sampling point RMP-B).

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. *[62-620.335(1) through (4), F.A.C.]*
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), 62-302.500(2)(e), 62-610.850(1)(a) and (2)(a), and 62-640.700(2)(b), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550 and 62-620.610(20), F.A.C.]*
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 the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems.

[62-604.130(5), F.A.C.]

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. *[62-600.400(2)(b), F.A.C.]*
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), F.A.C.]*
9. The permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. *[62-4.070(3), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*
3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]

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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*

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), F.A.C.]*
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), F.A.C.]*
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), F.A.C.]*
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.*[62-620.610(18), F.A.C.]*
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), F.A.C.]*

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

[62-620.610(20), F.A.C.]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17., 18. and 19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21), F.A.C.]*
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), F.A.C.]

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

FACILITY: LRECD Wastewater Treatment Facility
PERMITTEE: Loxahatchee River Environmental Control District

PERMIT NUMBER: FL0034649

- b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- 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), F.A.C.]

Executed in West Palm Beach, Florida.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**



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

LAB/tp

FILING AND ACKNOWLEDGMENT

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

  _____
Clerk Date

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on November 17, 2008 to the listed persons.

  _____
Name Date

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Loxahatchee River Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, FL 33458

PERMIT NUMBER FL0034649

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: Loxahatchee River Environmental Control District WWTF
LOCATION: 2500 Jupiter Park Drive
Jupiter, FL 33458

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

COUNTY: Palm Beach

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: _____ To: _____

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

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr. period
Vinyl chloride	Sample Measurement									
PARM Code 39175 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr. period
2-chlorophenol	Sample Measurement									
PARM Code 34586 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dichlorophenol	Sample Measurement									
PARM Code 34601 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dimethylphenol	Sample Measurement									
PARM Code 34606 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4,6-dinitro-o-cresol	Sample Measurement									
PARM Code 34657 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2,4-dinitrophenol	Sample Measurement									
PARM Code 34616 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
2-nitrophenol	Sample Measurement									
PARM Code 34591 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
4-nitrophenol	Sample Measurement									
PARM Code 34646 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
p-chloro-m-cresol	Sample Measurement									
PARM Code 82627 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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.)		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.)		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.)		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.)		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.)		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.)		Annual	24-hr. FPC
Diethyl phthalate	Sample Measurement							
PARM Code 34336 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		Annual	24-hr. FPC
Dimethyl phthalate	Sample Measurement							
PARM Code 34341 G Mon.Site No. PRT-I	Permit Requirement			Report (An.Avg.)	Report (Max.)		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.)		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.)		Annual	24-hr. FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

MONITORING PERIOD From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-I**

PERMIT NUMBER: FL0034649

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 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Mercury, Total Recoverable	Sample Measurement										
PARM Code 71901 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Selenium, Total Recoverable	Sample Measurement										
PARM Code 00981 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Silver, Total Recoverable	Sample Measurement										
PARM Code 01079 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Thallium, Total Recoverable	Sample Measurement										
PARM Code 00982 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	24-hr. FPC
Cyanide, Total Recoverable	Sample Measurement										
PARM Code 78248 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 G Mon.Site No. PRT-I	Permit Requirement				Report (An.Avg.)	Report (Max.)		ug/L		Annual	4 grabs/24 hr.period
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Loxahatchee River Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, FL 33458

PERMIT NUMBER FL0034649

LIMIT: Final
CLASS SIZE: Major

REPORT: Annual
GROUP: Domestic

FACILITY: Loxahatchee River Environmental Control District WWTF
LOCATION: 2500 Jupiter Park Drive
Jupiter, FL 33458

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

COUNTY: Palm Beach

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: _____ To: _____

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

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

MONITORING PERIOD From: _____ To: _____

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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: Loxahatchee River Environmental Control District WWTF

MONITORING GROUP NUMBER: **PRT-E**

PERMIT NUMBER: FL0034649

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

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: Loxahatchee River Environmental Control District

PERMIT NUMBER

FL0034649

MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, FL 33458

LIMIT:

Final

REPORT:

Annual

CLASS SIZE:

Major

GROUP:

Domestic

FACILITY: Loxahatchee River Environmental Control District WWTF

LOCATION: 2500 Jupiter Park Drive
Jupiter, FL 33458

COUNTY: Palm Beach

MONITORING GROUP NUMBER: **PRT-R**

MONITORING GROUP DESC: Residuals Pretreatment

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
Zinc, Dry Weight	Sample Measurement										
PARM Code 78467 + 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: Loxahatchee River Environmental Control District

MONITORING GROUP NUMBER: PRT-R

PERMIT NUMBER: FL0034649

MONITORING PERIOD From: _____ To: _____

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed, mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401

PERMITTEE NAME: Loxahatchee Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, Florida 33458

PERMIT NUMBER: **FL003469**
LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, Florida 33458
COUNTY: Palm Beach

MONITORING GROUP NUMBER: **RMP-B**
MONITORING GROUP DESCRIPTION: Class B Residuals
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No.Ex.	Frequency of Analysis	Sample Type
Nitrogen, Sludge, Tot, Dry Wt (as N)	Sample Measurement							
PARM Code 78470 + Mon.Site No. RMP-B	Permit Requirement	Report (Max.)	PER-CENT				Annually	Grab
Phosphorus, Sludge, Tot, Dry Wt (as P)	Sample Measurement							
PARM Code 78478 + Mon.Site No. RMP-B	Permit Requirement	Report (Max.)	PER-CENT				Annually	Grab
Potassium, Sludge, Tot, Dry Wt (as K)	Sample Measurement							
PARM Code 78472 + Mon.Site No. RMP-B	Permit Requirement	Report (Max.)	PER-CENT				Annually	Grab
Arsenic Total, Dry Weight, Sludge	Sample Measurement							
PARM Code 49565 + Mon.Site No. RMP-B	Permit Requirement			75.0 (Max.)	mg/kg		Annually	Composite
Cadmium, Sludge, Tot Dry Weight (as Cd)	Sample Measurement							
PARM Code 78476 + Mon.Site No. RMP-B	Permit Requirement			85.0 (Max.)	mg/kg		Annually	Composite
Copper, Sludge, Tot, Dry Wt. (as Cu)	Sample Measurement							
PARM Code 78475 + Mon.Site No. RMP-B	Permit Requirement			4300.0 (Max.)	mg/kg		Annually	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: Loxahatchee River Environmental Control District

MONITORING GROUP NUMBER: **RMP-B**

PERMIT NUMBER: **FL0034649**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Dry Weight, Sludge	Sample Measurement										
PARM Code 78468 + Mon.Site No. RMP-B	Permit Requirement				840.0 (Max.)			mg/kg		Annually	Composite
Mercury, Dry Weight, Sludge	Sample Measurement										
PARM Code 78471 + Mon.Site No. RMP-B	Permit Requirement				57.0 (Max.)			mg/kg		Annually	Composite
Molybdenum, Dry Weight, Sludge	Sample Measurement										
PARM Code 78465 + Mon.Site No. RMP-B	Permit Requirement				75.0 (Max.)			mg/kg		Annually	Composite
Nickel, Dry Weight, Sludge	Sample Measurement										
PARM Code 78469 + Mon.Site No. RMP-B	Permit Requirement				420.0 (Max.)			mg/kg		Annually	Composite
Selenium Sludge Solid	Sample Measurement										
PARM Code 61518 + Mon.Site No. RMP-B	Permit Requirement				100.0 (Max.)			mg/kg		Annually	Composite
Zinc, Dry Weight, Sludge	Sample Measurement										
PARM Code 78467 + Mon.Site No. RMP-B	Permit Requirement				7500.0 (Max.)			mg/kg		Annually	Composite
pH	Sample Measurement										
PARM Code 00400 + Mon.Site No. RMP-B	Permit Requirement				Report (Max.)			SU		Annually	Grab
Solids, Total, Sludge, Percent	Sample Measurement										
PARM Code 61553 + Mon.Site No. RMP-B	Permit Requirement				Report (Max.)			Percent		Annually	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed, mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401

PERMITTEE NAME: Loxahatchee Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, Florida 33458

PERMIT NUMBER: **FL003469**
LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, Florida 33458
COUNTY: Palm Beach

MONITORING GROUP NUMBER: **D-002**
MONITORING GROUP DESCRIPTION: Surface water outfall from Abacoa MSSW Storage Lake System.
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon.Site No. STM-01	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow	Sample Measurement										
PARM Code 50050 J Mon.Site No. STM-01	Permit Requirement	Report (Mo.Avg.)		MGD						Continuous	Meter
Duration of Discharge	Sample Measurement										
PARM Code 81381 J Mon.Site No. STM-03	Permit Requirement	Report (Max.)		Minutes						Monthly	Meter
Overflow Use, Occurances	Sample Measurement										
PARM Code 74062 J Mon.Site No. STM-03	Permit Requirement	Report (Max.)		Occur's/ Month						Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed, mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401

PERMITTEE NAME: Loxahatchee Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, Florida 33458

PERMIT NUMBER: **FL003469**
LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, Florida 33458
COUNTY: Palm Beach

MONITORING GROUP NUMBER: **D-003**
MONITORING GROUP DESCRIPTION: Surface water outfall (CS-1) from Jupiter CC MSSW Storage Lake System.
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon.Site No. STM-05	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow	Sample Measurement										
PARM Code 50050 J Mon.Site No. STM-05	Permit Requirement	Report (Mo.Avg.)		MGD						Continuous	Meter
Duration of Discharge	Sample Measurement										
PARM Code 81381 J Mon.Site No. STM-06	Permit Requirement	Report (Max.)		Minutes						Monthly	Meter
Overflow Use, Occurances	Sample Measurement										
PARM Code 74062 J Mon.Site No. STM-06	Permit Requirement	Report (Max.)		Occur's/ Month						Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed, mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401

PERMITTEE NAME: Loxahatchee Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, Florida 33458

PERMIT NUMBER: **FL003469**
LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, Florida 33458
COUNTY: Palm Beach

MONITORING GROUP NUMBER: **D-004**
MONITORING GROUP DESCRIPTION: Surface water outfall (CS-2) from Jupiter CC MSSW Storage Lake System.
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Duration of Discharge	Sample Measurement										
PARM Code 81381 J Mon.Site No. STM-06	Permit Requirement	Report (Max.)		Minutes						Monthly	Meter
Overflow Use, Occurances	Sample Measurement										
PARM Code 74062 J Mon.Site No. STM-07	Permit Requirement	Report (Max.)		Occur's/ Month						Monthly	Calculated
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When completed, mail this report to: Department of Environmental Protection, Southeast District, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401

PERMITTEE NAME: Loxahatchee Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, Florida 33458

PERMIT NUMBER: **FL003469**
LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, Florida 33458
COUNTY: Palm Beach

MONITORING GROUP NUMBER: **R-001, including plant influent**
MONITORING GROUP DESCRIPTION: Slow-rate public access reuse system.
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon.Site No. PPI-01=[INF-01]-[EFF-01]	Permit Requirement	11.0 (An.Avg.)		MGD						Continuous	Calculated
Flow	Sample Measurement										
PARM Code 50050 J Mon.Site No. PPI-01=[INF-01]-[EFF-01]	Permit Requirement	Report (Mo.Avg.)		MGD						Continuous	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)			mg/L		5 Days/Week	24-hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon.Site No. EFA-01	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	mg/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon.Site No. EFB-01	Permit Requirement				5.0 (Max.)			mg/L		Daily	Grab
Turbidity	Sample Measurement										
PARM Code 00070 B Mon.Site No. EFB-01	Permit Requirement				Report (Max.)			NTU		Continuous	Meter

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: Loxahatchee River Environmental Control District

MONITORING GROUP NUMBER: R-001, including plant influent

PERMIT NUMBER: **FL0034649**

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 A Mon.Site No. EFA-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon.Site No. EFA-01	Permit Requirement				75 (Min.)			Percent		Daily	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon.Site No. EFA-01	Permit Requirement				25 (Max.)			#/100 mL		Daily	Grab
Enterococci	Sample Measurement										
PARM Code 31639 A Mon.Site No. EFA-01	Permit Requirement				35 (Mo.Geo.Mean)			#/100 mL		Weekly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon.Site No. EFA-01	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon.Site No. EFA-01	Permit Requirement				Report (Max.)			mg/L		Weekly	24-hr. FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 A Mon.Site No. EFA-01	Permit Requirement				Report (Max.)			mg/L		Weekly	24-hr. FPC
Flow	Sample Measurement										
PARM Code 50050 P Mon.Site No. INF-01	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow	Sample Measurement										
PARM Code 50050 G Mon.Site No. INF-01	Permit Requirement	Report (Mo.Avg.)	Report (Daily Max)	MGD						Continuous	Meter
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon.Site No. OTH-01	Permit Requirement				Report (Max.)			Minutes		Monthly	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 G Mon.Site No. INF-02	Permit Requirement	Report (Max.)		Occur's/ Month						Monthly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District

MONITORING GROUP NUMBER: R-001, including plant influent

PERMIT NUMBER: **FL0034649**

MONITORING PERIOD From: _____ To: _____

Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon.Site No. INF-02	Permit Requirement				Report (Max.)			Minutes		Monthly	Meter
Flow, (Concentrate)	Sample Measurement										
PARM Code 50050 P Mon.Site No. FLW-02	Permit Requirement	Report (Mo.Avg.)	3.0 MaxDaily	MGD						Continuous	Meter
Solids, Total Suspended, (Blend)	Sample Measurement										
PARM Code 00530 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			mg/L		Weekly	Grab
pH, (Blend)	Sample Measurement										
PARM Code 00400 1 Mon.Site No. EFF-05	Permit Requirement				Report (Min.)	Report (Max.)		SU		Weekly	Grab
Specific Conductance, (Blend)	Sample Measurement										
PARM Code 00095 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			umho/cm		Continuous	Meter
Fluoride, Total (as F), (Blend)	Sample Measurement										
PARM Code 00951 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			mg/L		Weekly	Grab
Blend Ratio	Sample Measurement										
PARM Code 51133 1 Mon.Site No. FLW-02	Permit Requirement	Report (Min.)		Ratio						Continuous	Calculated
Sodium Adsorption Ratio (SAR), (Blend)	Sample Measurement										
PARM Code 00931 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			Ratio		Weekly	Grab
Sodium, Total Recoverable, (Blend)	Sample Measurement										
PARM Code 00923 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			mg/L		Weekly	Grab
Magnesium, Total Recoverable, (Blend)	Sample Measurement										
PARM Code 00921 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			mg/L		Weekly	Grab
Calcium, Total Recoverable, (Blend)	Sample Measurement										
PARM Code 00918 1 Mon.Site No. EFF-05	Permit Requirement				Report (Max.)			mg/L		Weekly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 G Mon.Site No. INF-02	Permit Requirement				Report (Max.)			Minutes		Monthly	Meter

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Loxahatchee River Environmental Control District

MONITORING GROUP NUMBER: **R-001, including plant influent** PERMIT NUMBER: **FL0034649**

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chloride (as Cl), (Blend)	Sample Measurement										
PARM Code 00940 1 Mon.Site No. EFF-05	Permit Requirement										
TSS using a TSS meter	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFB-01	Permit Requirement				Report (Max.)			mg/L		Continuous	Meter
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
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	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Loxahatchee River Environmental Control District
MAILING ADDRESS: 2500 Jupiter Park Drive
Jupiter, FL 33458

PERMIT NUMBER **FL0034649**

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: **LRECD WWTF**
LOCATION: 2500 Jupiter Park Drive
Jupiter, FL 33458

MONITORING GROUP NUMBER: **U-001**
MONITORING GROUP DESC: Underground injection well system (1 well).

COUNTY: Palm Beach

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon.Site No. EFF-01	Permit Requirement	18.0 (Hr.Peak)	Report (Mo.Avg.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon.Site No. EFF-02	Permit Requirement				20.0 (An.Avg.)			mg/L		5 Days/Week	24-hr. FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon.Site No. EFF-02	Permit Requirement				30.0 (Mo.Avg.)	45.0 (Wk.Avg.)	60.0 (Max.)	mg/L		5 Days/Week	24-hr. FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon.Site No. EFF-02	Permit Requirement				5.0 (Max.)			mg/L		5 Days/Week	Grab
pH	Sample Measurement										
PARM Code 00400 1 Mon.Site No. EFF-02	Permit Requirement				6.0 (Min.)	8.5 (Max.)		SU		Continuous	Meter

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): _____

DAILY SAMPLE RESULTS - PART B

Permit Number: **FL0034649**

Monitoring Period

From: _____

To: _____

Facility: **LRECD WWTF**

Sampling Point(s): **EFA-01** (Eff. after chlorination)

	CBOD5 (mg/L), after chlorination	pH (Max), after chlorination	pH (Min), after chlorination	Fecal Coliform Bacteria (#/100 mL), after chlorin.	Fecal Coliform, % < detect. (Percent), after chlorin.	Enterococci (#/100 mL), after chlorination	Nitrogen, Total (mg/L), after chlorination	Phosphorus (mg/L), after chlorination	TRC (For Disinfect.) (mg/L), after chlorination		
Code	80082	00400	00400	74055	51005	31639	00600	00665	50060		
Mon. Site	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01		
1											
2											
3											
4											
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22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

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

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

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

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

DAILY SAMPLE RESULTS - PART B

Permit Number: **FL0034649**

Monitoring Period From: _____ To: _____

Facility: **LRECD WWTF**

Sampling Point(s): **EFB-01** (Eff. after filtration & before chlor.),
EFD-01 (Eff after dechlor.), **EFF-01** (Meter @ injec. well) , and
EFF-02 (Screen before injec. well)

	TSS (mg/L), after filtration & before chlorin.	Turbidity (NTU), after filtration & before chlorin.	TSS using TSS meter (mg/L)	TRC (For Dechlor.) (mg/L), after dechlorin.	Flow (MGD), to Injection Well	CBOD5 (mg/L), to Injection Well	TSS (mg/L), to Injection Well	pH (Max), to Injection Well	pH (Min), to Injection Well
Code	00530	00070	00530	50060	50050	80082	00530	00400	00400
Mon. Site	EFB-01	EFB-01	EFB-01	EFD-01	EFF-01	EFF-02	EFF-02	EFF-02	EFF-02
1									
2									
3									
4									
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25									
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28									
29									
30									
31									
Total									
Mo. Avg.									

PLANT STAFFING:

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

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

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

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

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034649

Monitoring Period From: _____ To: _____

Facility: **LRECD WWTF**

Sampling Point(s): **INF-01** (Inf. @ Parshall Flume), **INF-02** (Inf. @ common header before bar screen), **OTH-01** (Calc.), **PPI-01**=[**INF-01**]-[**EFF-01**] (Inf. to R-001), **STM-01** (Inf. to Abacoa MSSW), and **STM-03** (Discharge from Abacoa MSSW).

	Flow (MGD), Influent	CBOD5 (mg/L), Influent	TSS (mg/L), Influent	Percent Capa., (TMADF/Perm Capa.) x 100 (Percent)	Flow (MGD), Influent, to Reuse System R-001	Flow (MGD), Influent to Abacoa MSSW	Duration of Discharge (Minutes), from Abacao MSSW	Overflow Use, Occurrences (Occ./Mo.), from Abacoa MSSW
Code	50050	80082	00530	00180	50050	50050	81381	74062
Mon. Site	INF-01	INF-02	INF-02	OTH-01	PPI-01=[INF-01]-[EFF-01]	STM-01	STM-03	STM-03
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								
Total								
Mo. Avg.								

PLANT STAFFING:

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

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034649
Monitoring Period

From: To:

Facility: **LRECD WWTF**

Sampling Point(s): **EFF-05** (Concentrate/reclaimed water blend to R-001).

	Calcium, Total Recoverable (mg/L)	Chloride (as Cl) (mg/L)	Fluoride, Total (as F) (mg/L)	Magnesium, Total Recoverable (mg/L)	pH (Max)	pH (Min)	Sodium Adsorption Ratio (RATIO)	Sodium, Total Recoverable (mg/L)	TSS (mg/L)	Solids, Total Dissolved (TDS) (mg/L)	Specific Conductance (umho/cm)
Code	00918	00940	00951	00921	00400	00400	00931	00923	00530	70295	00095
Mon. Site	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05	EFF-05
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											
Total											
Mo. Avg.											

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0034649
Monitoring Period From: To:

Facility: LRECD WWTF

Sampling Point(s): FLW-01 (Reclaim water to blend going to Reuse), FLW-02 (Concentrate to blend going to Reuse), FLW-03 (Blend going to Reuse)

	Flow (MGD), of Concentrate to Blend going to Reuse	Flow (MGD), of Blend to Reuse	Blend Ratio (RATIO), Effluent:Concentrate to Reuse				
Code	50050	50050	51133				
Mon. Site	FLW-02	FLW-03	FLW-01 & FLW-02				
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							
Total							
Mo. Avg.							

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-Riverbend**
 Well Type: Background
 Description: Riverbend Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

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 (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-Riverbend**
 Well Type: Compliance
 Description: Riverbend Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-TequestaCC**
 Well Type: Background
 Description: Tequesta CC Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-TequestaCC**
 Well Type: Compliance
 Description: Tequesta CC Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-01-AdmiralsCove**
 Well Type: Compliance
 Description: Admiral's Cove Compliance Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-02-AdmiralsCove**
 Well Type: Background
 Description: Admiral's Cove Background Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-TurtleCreek**
 Well Type: Background
 Description: Turtle Creek Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-TurtleCreek**
 Well Type: Compliance
 Description: Turtle Creek Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-JonathansLanding**
 Well Type: Background
 Description: Jonathan's Landing Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-JonathansLanding**
 Well Type: Compliance
 Description: Jonathan's Landing Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-01-JupiterHills**
 Well Type: Compliance
 Description: Jupiter Hills Compliance Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-03-JupiterHills**
 Well Type: Background
 Description: Jupiter Hills Background Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-01-Loxahatchee Club**
 Well Type: Compliance
 Description: Loxahatchee Club Compliance Monitor Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-Loxahatchee Club**
 Well Type: Compliance
 Description: Loxahatchee Club Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-03-LoxahatcheeClub**
 Well Type: Background
 Description: Loxahatchee Club Background Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-04-Loxahatchee Club**
 Well Type: Compliance
 Description: Loxahatchee Club Compliance Monitoring Well-04

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-01-IndianCreek**
 Well Type: Compliance
 Description: Indian Creek Compliance Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-IndianCreek**
 Well Type: Compliance
 Description: Indian Creek Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-03-IndianCreek**
 Well Type: Compliance
 Description: Indian Creek Compliance Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-04-Indian Creek**
 Well Type: Background
 Description: Indian Creek Background Monitoring Well-04

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-01-Abacoa**
 Well Type: Compliance
 Description: Abacoa Compliance Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-Abacoa**
 Well Type: Compliance
 Description: Abacoa Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-03-Abacoa**
 Well Type: Compliance
 Description: Abacoa Compliance Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		10	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		500	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		10	ug/L	Grab	Annually				
Chloride (as Cl)	00940		250	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		5	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		100	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		15	ug/L	Grab	Annually				
Coliform, Fecal	74055		4	#/100 mL	Grab	Annually				
pH	00400		6.0 to 8.5	SU	In-situ	Annually				
Sulfate, Total	00945		250	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-04-Abacoa**
 Well Type: Background
 Description: Abacoa Background Monitoring Well-04

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-Bear's Club**
 Well Type: Background
 Description: Bear's Club Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-Bear's Club**
 Well Type: Compliance
 Description: Bear's Club Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-03-Bear's Club**
 Well Type: Compliance
 Description: Bear's Club Compliance Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWB-01-Jupiter Country Club**
 Well Type: Background
 Description: Jupiter Country Club Background Monitoring Well-01

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-02-Jupiter Country Club**
 Well Type: Compliance
 Description: Jupiter Country Club Compliance Monitoring Well-02

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

GROUND WATER MONITORING WELL REPORT - PART D

County: Palm Beach
 Facility Name: **LRECD WWTF**
 Permit Number: FL0034649

Monitoring Well ID: **MWC-03-Jupiter Country Club**
 Well Type: Compliance
 Description: Jupiter Country Club Compliance Monitoring Well-03

Monitoring Period From: _____ To: _____

Date Sample Obtained: _____

Was the well purged before sampling? ☐ Yes ☐ No

Time Sample Obtained: _____

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545		Report	Feet	In-situ	Annually				
Nitrogen, Nitrate, Total (as N)	00620		Report	mg/L	Grab	Annually				
Solids, Total Dissolved (TDS)	70295		Report	mg/L	Grab	Annually				
Arsenic, Total Recoverable	00978		Report	ug/L	Grab	Annually				
Chloride (as Cl)	00940		Report	mg/L	Grab	Annually				
Cadmium, Total Recoverable	01113		Report	ug/L	Grab	Annually				
Chromium, Total Recoverable	01118		Report	ug/L	Grab	Annually				
Lead, Total Recoverable	01114		Report	ug/L	Grab	Annually				
Coliform, Fecal	74055		Report	#/100 mL	Grab	Annually				
pH	00400		Report	SU	In-situ	Annually				
Sulfate, Total	00945		Report	mg/L	Grab	Annually				
Turbidity	00070		Report	NTU	Grab	Annually				

COMMENTS AND EXPLANATION (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

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

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

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

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

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

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

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

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

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

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

PART D - GROUND WATER MONITORING REPORT

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

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

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

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

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

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

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

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

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

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

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

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

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

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

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

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

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

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

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

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

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

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

PERMIT NUMBER: FL0034649 (Major)

DEP PA FILE NUMBER: FL0034649-036-DW1P-NR

FACILITY NAME: LRECD Wastewater Treatment Facility

FACILITY LOCATION: 2500 Jupiter Park Drive, Jupiter, Florida 33458

NAME OF PERMITTEE: Loxahatchee River Environmental Control District

PERMIT WRITER: Stephanie Tassos

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date:	December 2, 2004
Public Notice Date:	September 26, 2007

b. Type of Facility

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

c. Facility Capacity

Existing Design Capacity:	9.0	MGD	AADF
Proposed Increase in Design Capacity:	2.0	MGD	AADF
Proposed Total Design Capacity:	11.0	MGD	AADF
Existing Permitted Capacity:	9.0	MGD	AADF
Proposed Increase in Permitted Capacity:	2.0	MGD	AADF
Proposed Total Permitted Capacity:	11.0	MGD	AADF

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

Outfall Serial Number D-001 (Discharge Location D-001) is an existing previously permitted "No Discharge" outfall to be used during Mechanical Integrity Testing (MIT) of underground injection well system U-001, and emergency discharge of on-site reclaimed water storage ponds. The permittee is authorized to maintain the discharge structure for planned MIT discharges with an approved Discharge Impact Minimization Plan (DIMP). Emergency discharges shall be covered under the upset and by-pass provisions of this permit.

Outfall Serial Number D-002 (Discharge Location D-002) is an existing permitted discharge from the Abacoa Management and Storage of Surface Water (Abacoa MSSW) Storage Lake System to the North Palm Beach County Improvement District (NPBCID) Canal EPB2, to the intra-coastal waterway (ICWW). Discharge to Abacoa MSSW shall meet the limitations for Part III Reuse in accordance with

Chapter 62-610, F.A.C. The facility uses the Abacoa MSSW Storage Lake System for storage of reclaimed water which is permitted to have intermittent discharges to surface water, diluted with ground water and stormwater.

Outfall Serial Number D-003 (Discharge Location D-003) is a new discharge from the Jupiter Country Club Management and Storage of Surface Water Storage Lake System (Jupiter CC MSSW Lake 18) to the C-18 Canal/Loxahatchee River. The facility uses the Jupiter CC MSSW Storage Lake System for storage of reclaimed water which is permitted to have intermittent discharges to surface water, diluted with ground water and stormwater.

Outfall Serial Number D-004 (Discharge Location D-004) is a new discharge from the Jupiter Country Club Management and Storage of Surface Water Storage Lake System (Jupiter CC MSSW Lake 15/Marsh) to the C-18 Canal/Loxahatchee River.

Reuse System R-001 is an existing and newly expanded, 11 MGD AADF public access, slow-rate, reclaimed water land application system which includes several golf courses as well as other public access areas. Two of the golf courses, Abacoa and Jupiter Country Club, use MSSW (storm water) lakes for storage of reclaimed water. Reclaimed water shall meet the limitations for Part III Reuse in accordance with Chapter 62-610, F.A.C.

Underground Injection Control System U-001 is an existing 18.0 MGD peak hourly flow (PHF) permitted capacity Class I deep injection well for the disposal of domestic wastewater effluent receiving secondary treatment. The well is permitted under Department permit number 0138774-047-UO, and discharges to Class G-II ground water.

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.

Outfalls **D-002, D-003 and D-004** (Class I/II/III fresh waters):

Parameter	Limit	Basis	Rationale
Flow, (MGD)	Report	Annual Avg.	62-600.830(4), F.A.C., DEP Guidance Memo DOM 96-01
Duration of Discharge, (Minutes)	Report	Single Sample Max.	62-600.830(4), F.A.C., DEP Guidance Memo DOM 96-01
Overflow Use, Occurances, (Occ./Month)	Report	Single Sample Max.	62-600.830(4), F.A.C., DEP Guidance Memo DOM 96-01

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

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

Parameter	Limit	Basis	Rationale
Flow, (MGD)	18.0 18.0	Single Sample Max. Peak Hourly	62-600.400(3)(b), F.A.C. 62-600.400(3)(b), F.A.C.
BOD, Carbonaceous 5-day, 20°C, (mg/L)	20.0 30.0	Annual Avg. Monthly Avg.	62-610.560(2) & 62-600.740(1)(b)1.a., F.A.C.

Parameter	Limit	Basis	Rationale
	45.0 60.0	Weekly Avg. Single Sample Max.	62-600.740(1)(b)1.b., F.A.C. 62-600.740(1)(b)1.c., F.A.C. 62-600.740(1)(b)1.d., F.A.C.
Solids, Total Suspended, (mg/L)	5.0	Single Sample Max.	62-610.560(2) and 62-600.440(5)(f)3., F.A.C.
pH, (SU)	6.0 to 8.5	Minimum and Maximum	62-610.560(2), 62-610.563(3) and 62-550.320, F.A.C.

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)	11.0	Annual Avg.	62-600.400(3)(b) and 62-610.810(5), F.A.C.
BOD, Carbonaceous, 5-day, 20°C, (mg/L)	20.0 30.0 45.0 60.0	Annual Avg. Monthly Avg. Weekly Avg. Single Sample Max.	62-610.460 & 62-600.740(1)(b)1.a., F.A.C. 62-600.740(1)(b)1.b., F.A.C. 62-600.740(1)(b)1.c., F.A.C. 62-600.740(1)(b)1.d., F.A.C.
Solids, Total Suspended, (mg/L)	5.0	Single Sample Max.	62-610.460(1) & 62-600.440(5)(f)3., F.A.C.
Turbidity, (NTU)	Report	Single Sample Max.	62-610.463(2), F.A.C.
TSS using "TSS meter" (mg/L)	Report	Single Sample Max.	BPJ
pH, (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445, F.A.C.
Coliform, Fecal, % less than detection, (Percent)	75	Minimum	62-600.440(5)(f)1., F.A.C.
Coliform, Fecal (#/100 mL)	25	Single Sample Max.	62-610.460 & 62-600.440(5)(f)2., F.A.C.
Total Residual Chlorine (For Disinfection), (mg/L)	1.0	Minimum	62-600.440(5)(b), 62-610.460(2), and 62-610.463(2), F.A.C.
Giardia, (Cysts/100 L)	Report	Single Sample Max.	62-610.463(4), F.A.C.
Cryptosporidium, (Oocysts/100 L)	Report	Single Sample Max.	62-610.463(4), F.A.C.
Nitrogen, Total, (mg/L)	Report	Single Sample Max.	62-601, F.A.C.
Phosphorus, Total (as P), (mg/L)	Report	Single Sample Max.	62-601, F.A.C.
Flow, Concentrate, (MGD)	Report 3.0	Monthly Avg. Maximum	62-610.865, F.A.C.
Solids, Total Suspended (TSS), (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
pH, (SU)	Report	Minimum and Maximum	62-610.865, F.A.C.
Specific Conductance, (umho/cm)	Per operating protocol	Single Sample Max.	62-610.865, F.A.C.
Fluoride, Total (as F), (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
Blend Ratio, (Ratio)	Report	Single Sample Min.	62-610.865, F.A.C.
Sodium Adsorption Ratio	Report	Single Sample Max.	62-610.865, F.A.C.

Parameter	Limit	Basis	Rationale
(SAR), (Ratio)			
Sodium, Total Recoverable, (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
Magnesium, Total Recoverable, (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
Calcium, Total Recoverable, (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
Chloride (as Cl), (mg/L)	Report	Single Sample Max.	62-610.865, F.A.C.
Solids, Total Dissolved (TDS), (mg/L)	1,500	Single Sample Max.	62-610.865, F.A.C.

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

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
Flow, Influent, (MGD)	11.0 Report	Annual Avg. Monthly Avg.	62-600.400(3)(b), F.A.C. 62-600.400(3)(b), F.A.C.
Percent Capacity, (TMADF/Permitted Capacity) x 100, (Percent)	Report	Monthly Avg.	62-600.405(4), F.A.C.
BOD, Carbonaceous 5-day, 20°C, Influent, (mg/L)	Report	Monthly Avg.	62-601.300(1), F.A.C.
Solids, Total Suspended, Influent, (mg/L)	Report	Monthly Avg.	62-601.300(1), F.A.C.
Monitoring Frequency and Sample Type	-	All Parameters	62-601 and 62-699, F.A.C., 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, F.A.C., and/or BPJ* of permit writer.

* BPJ=Best Professional Judgment

3. RESIDUALS MANAGEMENT

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

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

Parameter	Basis for Limit/Monitoring Requirement
Total Nitrogen, % dry weight	Report 62-640.650(1)(b), F.A.C.
Total Phosphorus, % dry weight	Report 62-640.650(1)(b), F.A.C.
Total Potassium, % dry weight	Report 62-640.650(1)(b), F.A.C.
Arsenic, mg/kg dry weight	Maximum 62-640.650(1)(b) & 700(1), F.A.C.

Parameter		Basis for Limit/Monitoring Requirement
Cadmium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Copper, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Lead, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Mercury, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Molybdenum, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Nickel, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Selenium, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
Zinc, mg/kg dry weight	Maximum	62-640.650(1)(b) & 700(1), F.A.C.
pH, std. units	Report	62-640.650(1)(b), F.A.C.
Total Solids, %	Report	62-640.650(1)(b), F.A.C.
Nitrogen, lb/ac/yr	Maximum	62-640.750(2)(b), F.A.C.
Arsenic, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Cadmium, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Copper, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Lead, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Mercury, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Nickel, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Selenium, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Zinc, lb/ac	Cumulative Maximum	62-640.700(3)(b), F.A.C.
Monitoring Frequency	All Parameters	62-640.650 & 650(1)(c), F.A.C.
Pathogen and vector attraction reduction monitoring	All Parameters	62-640.600 & 650(1)(a), F.A.C.
Additional parameters as determined necessary	All Parameters	62-640.650(1)(b), F.A.C.

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

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

4. GROUND WATER MONITORING REQUIREMENTS

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

NOTE: At the facility's request, sampling frequency has been reduced from quarterly to annually until the concentrate from the Town of Jupiter Water Treatment Plant comes "on-line" to the LRECD Wastewater Treatment Facility. At such a time, sampling frequency will return to quarterly for a prescribed period (e.g., two years) during which parameter results will be analyzed and the situation re-evaluated for possible reduction in sampling frequency once again.

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

Not applicable

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

- 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:

Stephanie Tassos
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, 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 to Applicant And EPA:	September 26, 2007
Beginning of Public Notice Period:	September 26, 2007
End of Public Notice Period:	October 26, 2007
Notice of Intent to Issue:	October 9, 2008
Publication of Notice of Intent:	October 13, 2008
Final Permit Issuance Date:	October 31, 2008

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

The Notice of Intent to Issue was issued on October 9, 2008. The Notice was published in the Palm Beach Post on October 16, 2008. There were no petitions for Administrative Hearing received by the Department. Accordingly, the final permit is being issued without changes.