

Attachment 2
ASRWRF Facility Id FL0033251 Permit

DRAFT

CITY OF ALTAMONTE SPRINGS
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM REMEDIATION PLAN
AND
WASTEWATER TREATMENT PLAN
FEBRUARY 2024



FLORIDA DEPARTMENT OF Environmental Protection

Central District Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

NOTICE OF PERMIT

Sent via email: Dammerman@altamonte.org

In the Matter of an
Application for Permit by:
City of Altamonte
225 Newburyport Ave
Altamonte Springs, FL 32701

Seminole County - DW
Altamonte Springs WRF
Wastewater Permit Application
DEP File Number: FL0033251-018-DW1P

ATTENTION David K. Ammerman
Director

Enclosed is Permit Number FL0033251 to operate a domestic wastewater facility issued under Sections 403.087 and 403.0885 of the Florida Statutes.

Judicial Review

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68, F.S. by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days after this order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

A handwritten signature in black ink, appearing to read "Aaron Watkins".

Aaron Watkins, Director
Central District

Enclosures: Permit, DMR and SOB

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

FDEP: Charles LeGros, Allison Chancy, Reggie Phillips, Cindy Stafford, David Smicherko

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

<u>Mandakini Patel</u>	<u>May 16, 2023</u>
Clerk	Date

**BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

IN THE MATTER OF:

City of Altamonte Springs
David K Ammerman, PE, Director

Altamonte Springs Regional WRF
950 Keller Rd
Altamonte Springs, Florida 32714

**IN THE OFFICE OF
THE CENTRAL DISTRICT**

**Administrative Order No.: AO-
23-001
File No.: FL0033251-018-DW1P
DEP Permit No.: FL0033251**

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

I. STATUTORY AUTHORITY

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

II. FINDINGS OF FACT

1. City of Altamonte Springs (the "Permittee") is a "person" under Section 403.031, Florida Statutes (F.S.).
2. The Permittee owns and operates a domestic wastewater facility known as the Altamonte Springs Regional WRF, located at 950 Keller Rd, Altamonte Springs, Florida 32714- 1617, which discharges domestic wastewater into waters of the state as defined in Section 403.031(13), F.S.
3. The Permittee has filed a timely application for renewal of DEP Permit No. FL0033251 under Section 403.088(2), F.S.
4. Highly treated wastewater effluent is discharged from the Facility into Little Wekiva River, a Class III Fresh Waters pursuant to Rule 62-302., F.A.C.
5. Sections 403.088(2)(e) and (f), F. S., authorize the Department to issue a permit for the discharge of wastes into waters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.
6. The Department finds that:
 - (a) The applicant needs permission to pollute the waters within the state for a period of time necessary to complete research, planning, construction, installation, or operation of an approved and acceptable pollution abatement facility or alternative waste disposal system;
 - (b) There is no present, reasonable, alternative means of disposing of the waste other than by discharging it into waters of the state;
 - (c) The granting of an operation permit will be in the public interest;
 - (d) The discharge will not be unreasonably destructive to the quality of the receiving waters.

III. ORDER

Based on the foregoing findings of fact,

IT IS ORDERED,

1. The Permittee shall be in full compliance with the final conditions of the permit by July 1, 2026.
2. The Permittee shall comply with the following schedule:

Action Item	Due Date
a. Monitor the Total Ammonia Nitrogen (as N) and E. Coli concentrations in the treated effluent.	Within 14 months of permit issuance * (one year after effective date of new discharge monitoring report)
b. Evaluate the concentration and the facility's ability to meet the final limits. If modifications are necessary to meet the new limits, obtain a permit revision to modify the facility.	Within 26 months of permit issuance
c. Complete construction of chosen modifications or connection.	Within 38 months of permit issuance

*The facility should not force a discharge for the sole reason to collect samples.

3. Until July 1, 2026, the Permittee's discharge shall comply with the following interim limit(s) for the revised water quality parameter Total Ammonia Nitrogen (as N), (this is the limit in the current permit):

Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Nitrogen, Ammonia, Total (as NH ₄)	mg/L	Max	1.0	Monthly Average	Daily	Grab	EFD-1

4. Until July 1, 2026, the Permittee's discharge shall comply with the following interim limit(s) for the newly required parameter E. coli:

Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
E. Coli	#/100 mL	Max	Report	Monthly Geometric Mean	Weekly	Grab	EFD-1
E. Coli	#/100 mL	Max	Report	90 th Percentile	Weekly	Grab	EFD-1

2. On or before July 1, 2026, the Permittee shall:
 - (a) Implement permanent plant changes and modifications to reduce Total Ammonia Nitrogen (as N) and E. Coli in the discharge to meet the new water quality standards (WQS) in Rule 62-302, F.A.C. and final permit limit(s); or
3. By July 1, 2026, the Permittee shall comply with the final Total Ammonia Nitrogen (as N) and E. Coli permit limit(s) included in DEP Permit No. FL0033251-018.
4. If the Permittee elects to implement permanent plant changes and modifications to meet the new water quality standards (WQS) in Rule 62-302, F.A.C., the Permittee shall apply to the Department for a permit revision to modify the facility. Application forms are available on the Department's domestic wastewater forms webpage at <http://www.dep.state.fl.us/water/wastewater/dom/dw-forms.htm>.

5. The Permittee shall submit annual status reports on August 1 beginning in 2024 outlining progress toward compliance with the time frames specified in paragraph III.2. **The facility should not force a discharge for the sole reason to collect samples.** Since the facility rarely discharges, they may elect to sample the reclaimed water for these parameters as internal data collection gathering to determine current levels of these parameters. These evaluation sample results should not be reported as compliance samples on the monthly discharge monitoring reports.
6. The Permittee shall construct, maintain, and operate its facilities in compliance with all other conditions of DEP Permit No. FL0033251.
7. This order may be modified through revisions as set forth in Chapter 62-620, Florida Administrative Code.
8. Reports or other information required by this order shall be sent to DEP_cd@dep.state.fl.us or to 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767.
9. This order does not operate as a permit under Section 403.088, F. S. This order shall be incorporated by reference into DEP Permit No. FL0033251, which shall require compliance by the Permittee with the requirements of this order.
10. Failure to comply with the requirements of this order shall constitute a violation of this order and DEP Permit No. FL0033251, and may subject the permittee to penalties as provided in Section 403.161, F. S.

IV. NOTICE OF RIGHTS

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

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

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

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

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

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service

- purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
 - (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
 - (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
 - (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
 - (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

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

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

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Aaron Watkins, Director
Central District

Central District
3319 Maguire Blvd, Suite 232
Orlando, FL 32803-3767

FILING AND ACKNOWLEDGEMENT

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

<u>Mandakini Patel</u>	<u>May 16, 2023</u>
Clerk	Date

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this Order and all copies were mailed or transmitted electronically or by facsimile before the close of business on May 16, 2023, to the listed persons.

<u>Mandakini Patel</u>	<u>May 16, 2023</u>
Name	Date

Copies furnished to:
FDEP: Charles LeGros, Allison Chancy, Reggie Phillips



FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Central District Office
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Altamonte Springs, City of

RESPONSIBLE OFFICIAL:

David K Ammerman, Division Director
950 Keller Rd
Altamonte Springs, Florida 32714- 1617
(407) 571-8712
dammerman@altamonte.org

PERMIT NUMBER:

FL0033251 MA

FILE NUMBER:

FL0033251-018-DW1P

ISSUANCE DATE:

May 16, 2023

EFFECTIVE DATE:

May 16, 2023

EXPIRATION DATE:

May 15, 2028

FACILITY:

Altamonte Springs Regional WRF
950 Keller Rd
Altamonte Springs, FL 32714-1617
Seminole County
Latitude: 28°38' 32.08" N Longitude: 81°23' 55.57" W

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

WASTEWATER TREATMENT:

The plant is an existing 12.5 MGD annual average daily flow (AADF) permitted capacity activated sludge advanced domestic wastewater treatment plant consisting of influent screening, grit removal, anoxic/aerobic nitrification, secondary clarification, flocculation, denitrification, filtration, a chemical feed system, post aeration, chlorination, and dechlorination/neutralization, with gravity thickening of residuals followed by aerobic digestion and belt filter press dewatering.

This permit includes the existing Altamonte-FDOT Integrated Reuse and Storm Water Treatment (AFIRST) Reuse Augmentation Facility (RAF) (located at the City's former Water Plant #4) at latitude 28°39' 57.5" N, longitude 81°24' 46.6" W, to treat stormwater from Cranes Roost. Reclaimed water is then transferred to the City of Apopka through a new transmission main from Altamonte's distribution network at Eden Park to the existing ground storage tanks located at the City of Apopka's water reclamation facility.

This permit includes rehabilitation of the existing sand filters.

This permit also includes the previously approved and completed pilot test project to produce a purified reclaimed water that meets drinking water standards. After treatment, the water is returned to the wastewater treatment plant for retreatment.

REUSE OR DISPOSAL:

Surface Water Discharge D-001: The authorized discharge is an existing 3.75 MGD annual average daily flow discharge to Little Wekiva River, Class III fresh waters, (WBID# 2987) which is approximately 15,840 feet in length from the plant (zero distance from the shoreline) and discharges at a depth of approximately 2 feet. The point of discharge is located approximately at latitude 28°39' 15" N, longitude 81°24' 25" W.

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Surface Water Discharge D-002: Public access quality reclaimed water is discharged into Crane's Roost Stormwater pond which intermittently discharges to the Little Wekiva River near the San Sebastian Trailhead (WBID #2987) . This discharge is limited to extreme wet-weather events. The point of discharge is located approximately at latitude 28°39' 47.6" N, longitude 81°24' 38.3" W.

Land Application R-001: The land application system is an existing 12.5 MGD annual average daily flow permitted capacity slow-rate public access reuse system. R-001 consists of a reclaimed water transmission and distribution system to provide reclaimed water throughout the City of Altamonte Springs for irrigation, within the 5,900 acre Reuse Service Area and a 0.25 million gallon (MG) effluent holding tank at the treatment plant site. The reclaimed water system has interconnections and can send reclaimed water to the City of Apopka and accept reclaimed water from the Wekiva Hunt Club WWTF.

The following surface water sources may be introduced into the sanitary sewer system to augment the supply of reclaimed water: Lake Orienta, Lake Maltbie, and Cranes Roost.

The following ground water sources may be used to augment the supply of reclaimed water: The former water supply wells at Water Treatment Plant #3, which are no longer used as a potable source.

Treated drinking water may be used to augment the supply of reclaimed water.

Stormwater from the following sources may be introduced into the sanitary sewerage system to augment the supply of reclaimed water: various stormwater ponds within the city, including Ponds 46, 44, Gateway Activity Center, Weathersfield, Cranes Roost, and the wastewater treatment facility site.

The following treated stormwater sources may be used to augment the supply of reclaimed water: The new AFIRST Reuse Augmentation Facility (RAF) will treat (filtration and disinfection) stormwater from the existing Cranes Roost Stormwater Pond for augmentation of the City's existing reclaimed water reuse system (Project APRICOT). The AFIRST RAF will have a capacity of 3.0 MGD annual average daily flow.

Cranes Roost Stormwater Pond storage and reuse shall be operated in accordance with Conditions IV 29-33 of this permit.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 30 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

- During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-001 to Little Wekiva River. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8. :

Parameter	Units	Max. /Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (To surface water)	MGD	Max Max	3.75 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-5	See I.A.4
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	5.0 5.0 7.5 10.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	See I.A.6
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	5 Days/Week	24-hr FPC	EFD-1	See I.A.6
Coliform, Fecal	#/100mL	Max Max Max Max	200 200 400 800	Annual Average Monthly Geometric Mean 90th Percentile Single Sample	5 Days/Week	Grab	EFD-1	See I.A.7 and I.A.8
E. coli	#/100mL	Max Max	126 410	Monthly Geometric Mean 90th Percentile	Weekly	Grab	EFD-1	See I.A.7 and I.A.8
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFD-1	See I.A.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	Continuous	Meter	EFA-1	See I.A.3 and I.A.9
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)	percent	Min	100	Single Sample	Annually	4 grabs/24 hr.period	EFD-1	See I.A.10
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsii)	percent	Min	100	Single Sample	Annually	4 grabs/24 hr.period	EFD-1	See I.A.10
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	Daily; 24 hours	Grab	EFD-1	See I.A.3 and I.A.9
Nitrogen, Ammonia, Total (as N)(effluent)	mg/L	Max	Report	Monthly Average	Daily; 24 hours	Grab	EFD-1	
Nitrogen, Ammonia, Total (as N)(calculated limit)	mg/L	Max	Report	Monthly Average	Daily; 24 hours	Calculated	EFD-1	

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Parameter	Units	Max. /Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Nitrogen, Ammonia, Total (as N)(effluent minus calculated limit)	mg/L	Max	0.00	Monthly Average	Daily; 24 hours	Calculated	EFD-1	
Nitrogen, Ammonia, Total (as N)(ratio)	ratio	Max	2.5	Single Sample	Daily; 24 hours	Calculated	EFD-1	
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Monthly Average	Weekly	24-hr FPC	EFD-1	
Nitrogen, Nitrate, Total (as N)	lb/mth	Max	Report	Monthly Total	Monthly	Calculated	EFD-1	
Nitrogen, Nitrate, Total (as N)	lb/yr	Max	26,640	Annual Total	Monthly	Calculated	EFD-1	
Phosphorus, Total (as P)	mg/L	Max	Report	Monthly Average	Weekly	24-hr FPC	EFD-1	
Phosphorus, Total (as P)	lb/mth	Max	Report	Monthly Total	Monthly	Calculated	EFD-1	
Phosphorus, Total (as P)	lb/yr	Max	3,252	Annual Total	Monthly	Calculated	EFD-1	
Nitrogen, Total	mg/L	Max	Report	Monthly Average	Weekly	24-hr FPC	EFD-1	
Oxygen, Dissolved (DO)	mg/L	Min	6.0	Single Sample	Daily; 24 hours	Grab	EFD-1	
Dichlorobromomethane	mg/L	Max	Report	Single Sample	Monthly	Grab	EFD-1	

Note 1: In addition to the specified limits, the monthly average effluent CBOD₅ and total suspended solids concentrations shall not exceed 15% of the respective influent values (85% Removal)

Note 2: From the DEP TMDL dated April 18, 2008, a fecal coliform load of 1.21E+08 counts/day, on an annual average basis, is allocated to this facility.

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

Monitoring Site Number	Description of Monitoring Site
FLW-5	Ultrasonic flow meter at influent pipe to neutralization tank
EFD-1	Discharge from neutralization tank
EFA-1	Discharge for chlorine contact chamber

- Hourly measurement of pH and total residual chlorine for disinfection during the period of required operator attendance may be substituted for continuous measurement. [62-600.660(1)]
- A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- The discharge shall not contain components that, alone or in combination with other substances or in combination with other components of the discharge:
 - Settle to form putrescent deposits or otherwise create a nuisance; or
 - Float as debris, scum, oil, or other matter in such amounts as to form nuisances; or
 - Produce color, odor, taste, turbidity, or other conditions in such degree as to create a nuisance; or
 - Are acutely toxic; or

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- e. Are present in concentrations which are carcinogenic, mutagenic, or teratogenic to human beings or to significant, locally occurring, wildlife or aquatic species, unless specific standards are established for such components in subsection 62-302.500(2) or Rule 62-302.530, F.A.C.; or
- f. Pose a serious danger to the public health, safety, or welfare.

[62-302.500(1)(a)1-6]

- 6. In accordance with subsections 62-600.420(1) and (2), F.A.C., the monthly average effluent CBOD5 and TSS concentrations shall not exceed 15% of their respective influent values (i.e., 85% removal). [62-600.420(1) and (2)]
- 7. The effluent limitations for the monthly geometric means for fecal coliform and E. coli are only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric means shall be calculated and reported on the Discharge Monitoring Report, but shall not be used to determine compliance with the limitations for the monthly geometric means. The monthly geometric mean for fecal coliform shall be used to calculate the annual average. All other fecal coliform and E. coli effluent limitations included in permit condition I.A.1 apply regardless of the number of values reported. [62-600.440(5)(b)] [62-302.530]
- 8. To report the "90th percentile,"
 - a. Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
 - b. Multiply the total number of samples by 0.9 to determine the 90th percentile level.
 - c. Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples x 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower, and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples x 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3] [62-302.530]

- 9. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-600.440(5)(c), (6)(b), and (7)(c)]
- 10. The permittee shall comply with the following requirements to evaluate acute whole effluent toxicity of the discharge from outfall D-001.
 - a. Effluent Limitation
 - (1) In any routine or additional follow-up test for acute whole effluent toxicity, the 96-hour LC50 shall not be less than 100% effluent. [Rules 62-302.200(1), 62-302.500(1)(a)4., 62-4.244(3)(a), and 62-4.241, F.A.C.]
 - b. Monitoring Frequency
 - (1) Routine toxicity tests shall be conducted annually*, the first starting within 60 days of the effective date of this permit and lasting for the duration of this permit.
*Toxicity testing is only required when the facility is discharging. The City is not required to force a discharge for the sole reason of collecting samples.
 - c. Sampling Requirements
 - (1) Routine tests shall be conducted on four separate grab samples collected at evenly-spaced (6-hr) intervals over a 24-hour period. The four grab samples shall be used in eight bioassays (four bioassays for each species) and shall represent one test. If the duration of the discharge is less than 24-hours, the duration of discharge shall be documented on the chain of custody.
 - (2) For additional follow-up tests, the first test shall be conducted on four separate grab samples collected at evenly-spaced (6-hr) intervals over a 24-hour period. The four grab samples shall be used in four

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separate bioassays for each species that failed the routine test. The four grab samples represent one test. The second follow-up test shall be run on a single grab sample collected on the day and time when the greatest toxicity was identified in the routine or first additional follow-up test.

d. Test Requirements

- (1) Routine Tests: All routine tests shall be conducted using a control (0% effluent) and a minimum of five dilutions: **100%, 75%, 50%, 25%, and 12.5%** effluent.
- (2) The permittee shall conduct 96-hour acute static renewal multi-concentration toxicity tests using the daphnid, **Ceriodaphnia dubia**, and the bannerfin shiner, **Cyprinella leedsi**, concurrently.
- (3) All test species, procedures and quality assurance criteria used shall be in accordance with Methods for Measuring Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 5th Edition, EPA-821-R-02-012. Any deviation of the bioassay procedures outlined herein shall be submitted in writing to the Department for review and approval prior to use. In the event the above method is revised, the permittee shall conduct acute toxicity testing in accordance with the revised method.
- (4) The control water and dilution water shall be moderately hard water as described in EPA-821-R-02-012, Table 7.

e. Quality Assurance Requirements

- (1) A standard reference toxicant (SRT) quality assurance (QA) acute toxicity test shall be conducted with each species used in the required toxicity tests either concurrently or initiated no more than 30 days before the date of each routine or additional follow-up test conducted. Additionally, the SRT test must be conducted concurrently if the test organisms are obtained from outside the test laboratory unless the test organism supplier provides control chart data from at least the last five monthly acute toxicity tests using the same reference toxicant and test conditions. If the organism supplier provides the required SRT data, the organism supplier's SRT data and the test laboratory's monthly SRT-QA data shall be included in the reports for each companion routine or additional follow-up test required.
- (2) If the mortality in the control (0% effluent) exceeds 10% for either species in any test, the test for that species (including the control) shall be invalidated and the test repeated. The repeat test shall begin within 14 days after the last day of the invalid test.
- (3) If 100% mortality occurs in all effluent concentrations for either species prior to the end of any test and the control mortality is less than 10% at that time, the test (including the control) for that species shall be terminated with the conclusion that the test fails and constitutes non-compliance.
- (4) Routine and additional follow-up tests shall be evaluated for acceptability based on the concentration-response relationship, as required by EPA-821-R-02-012, Section 12.2.6.2., and included with the bioassay laboratory reports.

f. Reporting Requirements

- (1) Results from all required tests shall be reported on the Discharge Monitoring Report (DMR) as follows:
 - (a) Routine Test Results: If an LC50 >100% effluent occurs in all four separate grab sample tests for the test species, ">100%" shall be entered on the DMR for that test species. If in any of the four separate grab sample tests for the test species an LC50 <100% effluent occurs, the lowest calculated LC50 effluent concentration shall be entered on the DMR for that test species.
 - (b) Additional Follow-up Test Results: For each additional test required, the calculated LC50 value shall be entered on the DMR for that test species.
- (2) A bioassay laboratory report for the routine test shall be prepared according to EPA-821-R-02-012, Section 12, Report Preparation and Test Review, and mailed to the Department at the address below within 30 days after the last day of the test.
- (3) For additional follow-up tests, a single bioassay laboratory report shall be prepared according to EPA-821-R-02-012, Section 12, and mailed within 30 days after the last day of the second valid additional follow-up test.
- (4) Data for invalid tests shall be included in the bioassay laboratory report for the repeat test.
- (5) The same bioassay data shall not be reported as the results of more than one test.

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- (6) All bioassay laboratory reports shall be sent to:
Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd, Suite 232
Orlando, Florida 32803-3767

g. Test Failures

- (1) A test fails when the test results do not meet the limits in 10.a.(1).
- (2) Additional Follow-up Tests:
- (a) If a routine test does not meet the acute toxicity limitation in 10.a.(1) above, the permittee shall notify the Department at the address above within 21 days after the last day of the failed routine test and conduct two additional follow-up tests on each species that failed the test in accordance with 10.d.
 - (b) The first test shall be initiated within 28 days after the last day of the failed routine test. The remaining additional follow-up tests shall be conducted weekly thereafter until a total of two valid additional follow-up tests are completed.
 - (c) The first additional follow-up test shall be conducted using a control (0% effluent) and a minimum of five dilutions: 100%, 75%, 50%, 25%, and 12.5% effluent. The permittee may modify the dilution series in the second additional follow-up test to more accurately bracket the toxicity such that at least two dilutions above and two dilutions below the target concentration and a control (0% effluent) are run. All test results shall be statistically analyzed according to the procedures in EPA-821-R-02-012.
- (3) In the event of three valid test failures (whether routine or additional follow-up tests) within a 12-month period, the permittee shall notify the Department within 21 days after the last day of the third test failure.
- (a) The permittee shall submit a plan for correction of the effluent toxicity within 60 days after the last day of the third test failure.
 - (b) The Department shall review and approve the plan before initiation.
 - (c) The plan shall be initiated within 30 days following the Department's written approval of the plan.
 - (d) Progress reports shall be submitted quarterly to the Department at the address above.
 - (e) During the implementation of the plan, the permittee shall conduct quarterly routine whole effluent toxicity tests in accordance with 10.d. Additional follow-up tests are not required while the plan is in progress. Following completion or termination of the plan, the frequency of monitoring for routine and additional follow-up tests shall return to the schedule established in 10.b.(1). If a routine test is invalid according to the acceptance criteria in EPA-821-R-02-012, a repeat test shall be initiated within 14 days after the last day of the invalid routine test.
 - (f) Upon completion of four consecutive quarterly valid routine tests that demonstrate compliance with the effluent limitation in 10.a.(1) above, the permittee may submit a written request to the Department to terminate the plan. The plan shall be terminated upon written verification by the Department that the facility has passed at least four consecutive quarterly valid routine whole effluent toxicity tests. If a test within the sequence of the four is deemed invalid, but is replaced by a repeat valid test initiated within 14 days after the last day of the invalid test, the invalid test will not be counted against the requirement for four consecutive quarterly valid routine tests for the purpose of terminating the plan.
- (4) The additional follow-up testing and the plan do not preclude the Department taking enforcement action for whole effluent toxicity failures.

[62-4.241, 62-620.620(3)]

11. Effluent shall be monitored for pH and temperature at the same time and location as total ammonia nitrogen (TAN). The monthly average TAN value shall not exceed the average of the values calculated from the below equation, with no single value exceeding 2.5 times the value from the equation. To determine compliance with the monthly average and single sample limits for TAN is following calculations steps below:

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(1) Calculate TAN Criterion Value for a collected sample using the below equation:

$$TAN\ Criterion = 0.8876 \left(\frac{0.0278}{1+10^{7.688-pH}} + \frac{1.1994}{1+10^{pH-7.688}} \right) \times (2.126 \times 10^{0.028(20-T)})$$

Where:

- T and pH are the paired temperature (in degrees Celsius) and pH associated with the effluent TAN sample, i.e., measured at the same time and location as the effluent TAN sample is collected.
- For purposes of TAN criterion calculations, pH is subject to the range of 6.5 to 9.0. In the TAN criterion equation, the pH shall be set to 6.5 if the measured pH is less than 6.5 and set to 9.0 if the measured pH is greater than 9.0.
- The value of T shall be set to 7 if the measured temperature is less than 7°C.

(2) Calculate TAN Limits:

- Monthly Average TAN Limit = Average TAN Criterion Values of the Month = $\frac{\sum TAN\ Criterion\ Value}{\sum \#\ of\ values}$
- Single Sample TAN limit = 2.5 x Calculated TAN Criterion Value

(3) Calculate TAN Compliances:

- Monthly Average TAN Compliance = Mon Avg TAN Effluent – Mon Avg TAN Limit ≤ 0.0
- Single Sample TAN Compliance = Single Sample TAN Effluent– Single Sample TAN Limit ≤ 0.0

[62-302.530(7)]

12. The permittee shall electronically submit an annual progress report on the facility's implementation of their plan to eliminate nonbeneficial surface water discharges by January 1, 2032, in accordance with Section 403.064(17), F.S., and Rule 62-600.680(3), F.A.C., to the Department's Wastewater Management Program no later than November 1 of each calendar year. Reports shall be submitted to NPDESDischargePlan2021@FloridaDep.gov. The permittee shall comply with the plan by January 1, 2032.

[403.064(17) and 62-600.680(3)]

13. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge effluent from Outfall D-002 to Little Wekiva River. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.C.8. :

Parameter	Units	Max. /Min	Effluent Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Overflow Use, Occurrences	#/mth	Max	Report	Monthly Total	Monthly	Calculated	OTH-2	See Part IV.37
Duration of Discharge	hr/mth	Max	Report	Monthly Total	Monthly	Calculated	OTH-2	See Part IV.37

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

Monitoring Site Number	Description of Monitoring Site
OTH-2	Outfall from Crane's Roost transmission main to Little Wekiva River

15. The discharge shall not contain components that, alone or in combination with other substances or in combination with other components of the discharge:
- Settle to form putrescent deposits or otherwise create a nuisance; or
 - Float as debris, scum, oil, or other matter in such amounts as to form nuisances; or
 - Produce color, odor, taste, turbidity, or other conditions in such degree as to create a nuisance; or
 - Are acutely toxic; or
 - Are present in concentrations which are carcinogenic, mutagenic, or teratogenic to human beings or to significant, locally occurring, wildlife or aquatic species, unless specific standards are established for such components in subsection 62-302.500(2) or Rule 62-302.530, F.A.C.; or
 - Pose a serious danger to the public health, safety, or welfare.

[62-302.500(1)(a)1-6]

16. In accordance with subsections 62-600.420(1) and (2), F.A.C., the monthly average effluent CBOD5 and TSS concentrations shall not exceed 15% of their respective influent values (i.e., 85% removal). [62-600.420(1) and (2)]

B. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to supplement reclaimed water with stormwater, Stormwater discharged into the sewerage system, Ground Water and Drinking Water and 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 Permit Condition I.C.8.:

			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (Public Access reuse)	MGD	Max Max	12.5 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-2	See I.B.4
Flow (Ground Water Supplemental)	MGD	Max Max	Report Report	Monthly Average Annual Average	Continuous	Recording Flow Meter with Totalizer	FLW-3	
Flow (Surface water to WWTF)	MGD	Max Max	Report Report	Monthly Average Annual Average	Continuous	Recording Flow Meter with Totalizer	FLW-4	
Flow (Supplemental drinking H2O)	MGD	Max Max	Report Report	Monthly Average Annual Average	Continuous	Recording Flow Meter with Totalizer	FLW-6	

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			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (Surface Water from AFIRST)	MGD	Max Max	3.0 Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-7	
Flow (Reuse to Apopka)	MGD	Max Max	Report Report	Annual Average Monthly Average	Continuous	Recording Flow Meter with Totalizer	FLW-8	
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	4 Days/Week	24-hr FPC	EFA-1	
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	4 Days/Week	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max	25	Single Sample	4 Days/Week	Grab	EFA-1	
Coliform, Fecal, % less than detection	percent	Min	75	Monthly Total	4 Days/Week	Calculated	EFA-1	See I.B.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	Continuous	Meter	EFA-1	See I.B.3
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-1	See I.B.6 and I.B.9
Turbidity	NTU	Max	Report	Single Sample	Continuous	Meter	EFA-1	See I.B.7 and I.B.9
Giardia	cysts/100 L	Max	Report	Single Sample	Biennially; Every 2 years	Grab	EFA-1	See I.B.10
Cryptosporidium	oocysts/1 00L	Max	Report	Single Sample	Biennially; Every 2 years	Grab	EFA-1	See I.B.10
Nitrogen, Total	mg/L	Max Max	10.0 Report	Annual Average Monthly Average	4 Days/Week	24-hr FPC	EFA-1	
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Weekly	24-hr FPC	EFA-1	
Coliform, Fecal (Groundwater Supplemental)	#/100mL	Max	Report	Single Sample	Annually	Grab	OTH-1	
Solids, Total Suspended (Surface Water)	mg/L	Max	5.0	Single Sample	Daily; 24 hours	Grab	EFA-2	
Coliform, Fecal (Surface Water)	#/100mL	Max	25	Single Sample	Daily; 24 hours	Grab	EFA-2	
Coliform, Fecal, % less than detection (Surface Water)	percent	Min	75	Monthly Total	Daily; 24 hours	Calculated	EFA-2	See I.B.5
Chlorine, Total Residual (For Disinfection)(Surface Water)	mg/L	Min	1.0	Single Sample	Continuous	Meter	EFA-2	See I.B.6 and I.B.9
Giardia (Surface Water)	cysts/100 L	Max	Report	Single Sample	Biennially; Every 2 years	Grab	EFA-2	See I.B.10

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			Reclaimed Water Limitations		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Cryptosporidium (Surface Water)	oocysts/100L	Max	Report	Single Sample	Biennially; Every 2 years	Grab	EFA-2	See I.B.10
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	Monthly	Grab	SWA-1	
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	Monthly	Grab	SWD-1	
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	Grab	SWA-1	
Nitrogen, Total	mg/L	Max	Report	Single Sample	Monthly	Grab	SWD-1	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	Grab	SWA-1	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Monthly	Grab	SWD-1	

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

Monitoring Site Number	Description of Monitoring Site
FLW-2	Ultrasonic flow meter at discharge from chlorine contact chamber
FLW-3	Supplemental groundwater supply well flow
FLW-4	Supplemental surface water flows
FLW-6	Supplemental drinking water
FLW-7	Supplemental treated stormwater from the Reuse Augmentation Facility (RAF)
FLW-8	Public Access Reuse to Apopka
EFA-1	Discharge for chlorine contact chamber
EFA-2	Discharge from reaeration tank (prior to chlorination).
OTH-1	Supplemental ground water supply
EFA-2	Discharge from augmentation treatment facility
SWA-1	Ambient surface water sampling location upstream of discharge
SWD-1	Surface water sampling location at confluence of the Little Wekiva River and the Wekiva River

3. Hourly measurement of pH during the period of required operator attendance may be substituted for continuous measurement. [62-600.660(1)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. 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(6)(a)]
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(6)(b)][62-610.460(2)][62-610.463(2)]
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. Filtration shall be provided for total suspended solids control. [62-610.463(2)]
8. 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

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or to the reuse system. Reclaimed water that fails to meet the criteria in the approved operating protocol(s) shall be directed to the following permitted alternate discharge system: D-001. [62-610.320(6) and 62-610.463(2)]

9. 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)]
10. Sampling for Giardia and Cryptosporidium shall be conducted at one time during each two-year period. Intervals between sampling shall not exceed two years. The sample results shall be submitted to the Department on or before November 28 of that year using Form 62-610.300(3)(a)4. [62-610.472(3)(d)]
11. The Final Order Establishing the **revised** Wekiwa and Rock Springs Basin Management Action Plan (BMAP) was adopted. The facility's reclaimed water system and Apopka WRF reclaimed water systems are located in the Primary Focus Area (PFA) of the Wekiwa and Rock Springs Basin Management Action Plan (BMAP) and will have to meet an annual average limit of 3 mg/l of Total Nitrogen in the reclaimed water because of the capacity and type of reuse system at the facility will take effect on July 1, 2028 and will be written into the facility's next permit issue or renewal following the effective date. Please acknowledge. [Secretarial Order, DEP 18-1065]

C. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective 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.C.8.:

Parameter	Units	Max. /Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total through plant)	MGD	Max Max Max	12.5 Report Report	Annual Average Monthly Average Quarterly Average	Continuous	Recording Flow Meter with Totalizer	FLW-1	See I.C.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-1	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-2	See I.C.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	5 Days/Week	24-hr FPC	INF-2	See I.C.3

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

Monitoring Site Number	Description of Monitoring Site
FLW-1	Total flow into the grit chamber minus internal flows measured in the effluent holding tank
CAL-1	Calculated using FLW-1
INF-2	Automatic sampler at the headworks

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-600.660(4)(a)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. Sampling results for giardia and cryptosporidium shall be reported on DEP Form 62-610.300(3)(a)4, Pathogen Monitoring, which is attached to this permit. This form shall be submitted to the Department's Wastewater

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Management Program (M.S. 3545 Blair Stone Road, Tallahassee, Florida 32399-2400 or at epostbwfrdom@floridadep.gov) and to the Department's Central District Office. [62-610.300(4)(a)]

6. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (November 10, 2020)" is available at <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality 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 approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

7. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
8. **Monitoring requirements under this permit are effective on July 1, 2023.** Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28 th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30 July 1 - August 31 September 1 - October 31 November 1 - December 31	March 28 May 28 July 28 September 28 November 28 January 28
Quarterly	January 1 - March 31	April 28

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REPORT Type on DMR	Monitoring Period	Submit by
	April 1 - June 30 July 1 - September 30 October 1 - December 31	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

The permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <https://www.fldepportal.com/go/>, unless the permittee has a waiver from the Department in accordance with 40 CFR 127.15. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)][62-600.680(1)]

9. 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., and the Revised Total Coliform Rule contained in Rule 62-550.830, F.A.C., (except for asbestos, color, odor, and residual disinfectants). These monitoring results shall be reported to the Department annually on the DMR. During years when a permit is not renewed, a certification stating that no new non-domestic wastewater dischargers have been added to the collection system since the last reclaimed water or effluent analysis was conducted may be submitted with the signed DMR in lieu of performing the analysis. When such a certification is submitted with the DMR, monitoring not required this period should be noted on the DMR. The annual reclaimed water or effluent analysis report, and certification if applicable, shall be completed and submitted in a timely manner so as to be received by the Department at the address identified on the DMR by January 28 of each year. Approved analytical methods identified in Rule 62-620.100(3)(j), 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. *[62-600.660(2) and (3)(d)][62-600.680(2)][62-610.300(3)]*
10. The permittee shall submit DEP Form 62-610.300(3)(a)2., Annual Reuse Report, using DEP Form 62-610.300(4)(a)2. on or before January 1 of each year. to the Department and the appropriate water management district on or before January 1 of each year. The form shall be submitted electronically to the Department using the Online Business Portal (<https://www.fldepportal.com/DepPortal/go/home>) *[62-610.870(3)(a)]*
11. Operating protocol(s) shall be reviewed and updated periodically to ensure continuous compliance with the minimum treatment and disinfection requirements. Updated operating protocols shall be submitted to the Department's Central District Office for review and approval upon revision of the operating protocol(s) and with each permit application. *[62-610.320(6)][62-610.463(2)]*
12. The permittee shall maintain an inventory of storage systems. The most recent inventory shall be submitted each year with the Annual Reuse Report. At least 30 days before reclaimed water will be introduced into any new storage system, the updated inventory shall be submitted to the Department's Central District Office. The inventory shall include the following:
 - a. name or identifier for the storage system;
 - b. location of the storage system (latitude/longitude);
 - c. function of the storage system (system storage or reject storage);
 - d. type of facility (covered tank, lined pond, unlined pond);
 - e. Indication of whether or not the storage facility is a water of the state or discharges to a water of the state; and
 - f. distances to the nearest public water supply wells and to the nearest potable water supply wells which are not public water supply wells.

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[62-610.464(5) and 62-610.870(3)(d)]

13. The permittee of a publicly owned facility shall submit an annual report regarding transactions or allocations of costs and expenditures on pollution mitigation among the utility's permitted wastewater systems, including the prevention of sanitary sewer overflows, collection and transmission system pipe leakages, and inflow and infiltration. This report may be combined with the annual report for the permittee's collection system action plan once Rule 62-600.705, F.A.C., becomes effective. The report shall be electronically submitted to the district office no later than June 30 of each calendar year. *[62-600.700(4)]*
14. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Electronic submittal is preferred, by sending to DEP_CD@dep.state.fl.us.

Florida Department of Environmental Protection
Central District
3319 Maguire Blvd
Suite 232
Orlando, Florida 32803-3767

Phone Number - (407) 897-4100

[62-620.305]

15. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*
16. **The permittee shall electronically submit an annual progress report on the facility's implementation of their plan to eliminate nonbeneficial surface water discharges by January 1, 2032, in accordance with Section 403.064(17), F.S., and Rule 62-600.680(3), F.A.C., to the Department's Wastewater Management Program no later than November 1 of each calendar year. Reports shall be submitted to NPDESDischargePlan2021@Floridadep.gov. The permittee shall comply with the plan by January 1, 2032.**

[403.064(17) and 62-600.680(3)]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be transferred to Compost USA of Sumter County (FLA841692) or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. *[62-620.320(6), 62-640.880(1)]*
2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.C.8.

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			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1	

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids leaving the facility. Calculated based on estimated percent solids and volume or actual weight and reported in dry tons.

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Disposal

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, 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)(b) & (c)]

C. Transfer

1. The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]
2. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility

1. Date and time shipped
2. Amount of biosolids shipped
3. Degree of treatment (if applicable)
4. Name and ID Number of treatment facility
5. Signature of responsible party at source facility
6. Signature of hauler and name of hauling firm

Biosolids Treatment Facility or Treatment Facility

1. Date and time received
2. Amount of biosolids received
3. Name and ID number of source facility
4. Signature of hauler
5. Signature of responsible party at treatment facility

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the

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Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

D. Receipt

1. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

1. Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part III Public Access System(s)

1. Use of reclaimed water is authorized within the general service area identified in the attached map. The following uses of reclaimed water are authorized within this general service area:

Residential Developments
Toilet Flushing
Other Landscape Irrigation
Industrial Uses (Cooling Water, Process Water, and Wash Water at Industrial Facilities)
Golf Courses
Fire Protection
Business, Commercial and Industrial Parks
Athletic Complexes and Parks
Wholesale Nurseries, Ferneries, and Sod Farms

[62-620.630(10)(a)]

2. New major users of reclaimed water (i.e., using 0.1 MGD or more) may be added to the reuse system using the general permit described in Rule 62-610.890, F.A.C., if the requirements in this rule are complied with. Application for use of this general permit shall be made using Form 62-610.300(3)(a)1. Notice of Intent to Use General Permit for Addition of a Major User of Reclaimed Water. *[62-610.890]*
3. Cross-connections to the potable water system are prohibited. *[62-610.469(7)]*
4. A cross-connection control program shall be implemented and/or remain in effect within the areas where reclaimed water will be provided for use and shall be in compliance with the Rule 62-555.360, F.A.C. *[62-610.469(7)]*
5. The permittee shall conduct inspections within the reclaimed water service area to verify proper connections, to minimize illegal cross-connections, and to verify both the proper use of reclaimed water and that the proper backflow prevention assemblies or devices have been installed and tested. 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)]*
6. If an actual or potential (e.g. no dual check device on residential connections served by a reuse system) 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 if an actual cross-connection is discovered.

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- b. If the potable water system is contaminated, clear the potable water lines.
- c. Eliminate the cross-connection and install a backflow prevention device as required by the Rule 62-555.360.F.A.C.
- d. Test the affected area for other possible cross-connections.
- e. Within 24 hours, notify the Department's Central District Office's domestic wastewater and drinking water programs.
- f. Within 5 days of discovery of an actual or potential cross-connection, submit a written report to the Department's Central District Office 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.

[62-555.360][62-620.610(20)]

- 7. 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)]*
- 8. 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)]*
- 9. 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)]*
- 10. Reclaimed water shall not be used to fill swimming pools, hot tubs, or wading pools. *[62-610.469(4)]*
- 11. 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)]*
- 12. 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)]*
- 13. 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)]*
- 14. 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, 62-610.469]*

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15. 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)]
16. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
17. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]
18. Requirements for system storage pond capacity shall be as contained in Rule 62-610.414, F.A.C. System storage capacity shall be the volume equal to three times that portion of the average daily flow of the total reuse capacity for which no alternative reuse or disposal system is permitted. [62-610.414, 62-610.464 (2)]
19. A separate, off-line system for storage of reject water shall be provided unless another permitted reuse system or effluent disposal system is capable of discharging the reject water in accordance with requirements of Chapter 62-600, F.A.C. At a minimum this capacity shall be the volume equal to one day flow at the average daily design flow of the treatment plant or the average daily permitted flow of the reuse system, whichever is less. [62-610.464(3)]
20. If reclaimed water will be used only for toilet flushing, the Department shall approve alternate levels of reliability, operation controls, and operator attendance if the applicant provides an affirmative demonstration in the engineering report that alternative controls will provide controls on reclaimed water production equivalent to the full requirements of Part III of this chapter, and the engineering report presents reasonable assurances that public health will be protected. The engineering report shall document cross-connection control measures and controls on facility operation sufficient to ensure reliable production of reclaimed water of suitable quality. [62-610.476(1)(a)]
21. If reclaimed water will be used only for fire protection, the Department shall approve alternative levels of reliability, operation controls, and operator attendance if the applicant provides an affirmative demonstration in the engineering report that alternative controls will provide controls on reclaimed water production equivalent to the full requirements of Part III of this chapter, and the engineering report presents reasonable assurances that public health will be protected. The engineering report shall document cross-connection control measures and controls on facility operation sufficient to ensure reliable production of reclaimed water of suitable quality. [62-610.476(2)(b)]

Supplemental Water Supplies - Surface Water or Stormwater

22. The mixture of reclaimed water and surface water or stormwater shall not harm vegetation or crops grown in the reuse system. [62-610.472(3)]
23. A one-way flow device shall be provided on each surface water or stormwater supply line to prevent backflow of reclaimed water into the surface water or into the stormwater treatment facilities. [62-610.472(3)]
24. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. [62-610.472(3)]
25. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. [62-610.472(7)]

Supplemental Water Supplies - Ground Water

26. An approved backflow prevention device, as described in Rule 62-555.360, F.A.C., shall be provided on the pipe from each well connected into the reclaimed water system. [62-610.472(4)]

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27. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water and potable water facilities. [62-610.472(4)]
28. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. [62-610.472(7)]

Supplemental Water Supplies - Drinking Water

29. An air gap separation, as described in Rule 62-555.360, F.A.C., shall be provided on each connection from the public water supply system into the reclaimed water system. [62-610.472(5)]
30. The supplemental water supply pipes and appurtenances shall be color coded and marked to differentiate them from the reclaimed water facilities. [62-610.472(5)]
31. Facilities used to connect supplemental water supplies into the reclaimed water distribution system shall be located and documented in the record drawings for the reuse system. [62-610.472(7)]

Supplemental Water Supplies - Discharge of Stormwater into the Sewerage System

32. Introduction of stormwater into the sewerage system shall be limited to dry-weather, low-flow conditions in the sanitary sewerage system. [62-610.472(3)(c)]

Cranes Roost Storage

33. The Cranes Roost storage pond, which is used periodically for recreational purposes, shall be used for reclaimed water storage as described in the approved protocol for use of the lake. [62-620.320(6)]
34. The January 2002 Cranes Roost Operating Protocol, including any amendments to this protocol, shall be used for reclaimed water storage and recovery at this site. [62-620.320(6)]
35. Pathogen monitoring (specifically, Giardia and Cryptosporidium) in the lake water must be done prior to any event in which contact with the water is possible. [62-620.320(6)]
36. In addition to posting signs about the use of reclaimed water, the Department recommends notifying event participants about the reclaimed water storage at the site. [62-620.320(6)]
37. **Discharge of reclaimed water to Cranes Roost shall only occur when the water in the pond is less than or equal to an elevation approved by the St. John's Water Management District. Any discharges from the Cranes Roost shall be limited to extreme wet weather events. A list of all days during a month on which discharges from Cranes Roost occurred shall be attached to the DMR form. For each day on which discharge occurred, the approximate number of hours of discharge shall be noted.** [62-620.320(6)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more operators 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/chief operator must be a Class A operator.

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

2. The lead/chief 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 licensed operator shall be on-site and in charge of each required shift for periods of required staffing time when the lead/chief operator is not on-site. An operator meeting the lead/chief operator class for the treatment 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), (6) and (1)]

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. 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)]
2. 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)]

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, 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 this 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 this 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 wastewater facility permit;
 - f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;
 - g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;
 - h. Copies of the licenses of the current certified operators;
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license 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, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. 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; and
 - j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-604.500, 62-602.650, 62-640.650(4)]

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VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Electronically submit an annual progress report on the facility's implementation of 403.064(17), F.S. to the Department at NPDESDischargePlan2021@Floridadep.gov (62-600.680(3), F.A.C.)	November 1 of each year

[62-620.320(6)]

2. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
 - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

Please note, effluent testing shall be conducted for each outfall in accordance with the instructions provided in Sections 3.A.12., 13., and 14. of the application form. A minimum of three samples shall be taken within four and one-half years prior to the date of the permit application and must be representative of the seasonal variation in the discharge from each outfall. The facility is not required to force a discharge in order to collected samples. [62-620.335(1)-(4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

A. Implementation Requirements

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

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- d. Providing a written technical evaluation that local limits have been developed in accordance with Rule 62-625.400(3)(a), F.A.C. The evaluation shall verify whether existing local limits protect the wastewater facilities, and if not, the permittee shall develop new local limits as part of the evaluation in accordance with Rule 62-625.600(16), F.A.C. For new local limits, a plan of study shall be submitted to the Department prior to initiating sampling required to develop the new local limits. This evaluation shall be submitted to the Department at the address in the condition below within 180 days after permit renewal.

[62-625.400 and .500]

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

Florida Department of Environmental Protection
Wastewater Management Program, Mail Station 3545
Bob Martinez Center
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)(f) as noted below, and shall describe the permittee's pretreatment activities, including those of all covered facilities, 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)(f), 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 01 of each year, to cover a period between September 1 to August 31. [62-625.600(8) and (12)]

5. In addition to the Altamonte Springs/Swofford (FL0033251), the following facilities are covered by the Altamonte Springs/Swofford pretreatment program:

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6. Samples for Monitoring Site 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	Influent
PRT-E	Effluent
PRT-R	Biosolids

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. [62-610.800(10)]
2. In the event that the wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels

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prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), 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 subsection 62-296.320(2), F.A.C. [62-600.410(5), 62-604.500(3) and 62-640.400(6)]

3. All collection/transmission systems shall be operated and maintained to provide uninterrupted service. All pump stations shall be operated and maintained to provide the emergency pumping capability requirements in paragraph 62-604.400(2)(a), F.A.C., the lightning and transient voltage surge protections in paragraph 62-604.400(2)(b), F.A.C., and the design and signage requirements in paragraph 62-604.400(2)(d), F.A.C. Also, all equipment, pipes, manholes, pump stations, and other appurtenances necessary for the collection/transmission of domestic wastewater, including equipment provided pursuant to subsection 62-604.400(2), F.A.C., shall be maintained to function as intended. [62-604.500(2) and (3)]
4. The permittee shall evaluate and update the emergency response plan portion of the collection system operation and maintenance manual annually. The emergency response plan shall assess collection system security including cybersecurity; water quality monitoring for sanitary sewer overflows affecting surface waters; and hurricane and severe storm preparedness and response. [62-604.500(4)]
5. Collection/transmission systems shall be maintained to minimize excessive infiltration and inflow into the collection/transmission system, as well as excessive leakage from the collection/transmission system. The permittee shall take corrective actions when infiltration, inflow, or leakage is excessive. Infiltration and inflow are considered excessive if one or both cause or contribute to sanitary sewer overflows. Leakage, or exfiltration, is considered excessive if it causes or contributes to a violation of surface water quality standards or ground water quality standards. [62-604.500(5)]
6. All collection/transmission systems shall be operated and maintained to prevent sanitary sewer overflows. The permittee shall evaluate the cause of all sanitary sewer overflows and evaluate potential corrective measures to avoid future sanitary sewer overflows. Corrective actions shall be taken by the permittee if excessive inflow and infiltration causes or contributes to a sanitary sewer overflow. The owner/operator of a satellite collection system shall take corrective actions for a sanitary sewer overflow in the receiving collection system caused by excessive inflow and infiltration in the satellite collection system. [62-604.500(6)]
7. 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(4)]
8. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. [62-550.360][62-604.130(3)]
9. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. [62-604.500(4)]
10. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
11. 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

PERMITTEE: Altamonte Springs, City of
FACILITY: Altamonte Springs Regional WRF

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- 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 and safety problems.

[62-604.130(5)]

- 12. The treatment facility, storage ponds for Part II systems, 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)]
- 13. 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)]
- 14. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. [62-620.310(4)]
- 15. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature 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's Central District Office in a written report within 7 days of the sinkhole discovery. [62-620.320(6)]

IX. GENERAL CONDITIONS

- 1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1)]
- 2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2)]
- 3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3)]
- 4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]
- 5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor

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does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12)]

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13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]
16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., 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), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-600, and 62-610, 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)]

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19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; clean up actions taken and status; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows, bypass events, or unauthorized discharges, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (e.g., sanitary sewer overflow, bypass, unauthorized discharge); type of sanitary sewer overflow structure (e.g., manhole); the discharge location address and latitude/longitude; type of water discharged; discharge volumes and volumes recovered; volume discharged to surface waters and receiving waterbody name; types of human health and environmental impacts of the sanitary sewer overflow, bypass event, or unauthorized discharge (e.g., beach closure); whether the noncompliance was caused by a third party; and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at <https://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification"). Notice required for public notice of pollution under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after September 14, 2021, shall be submitted electronically.
 - 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 the 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, except for discharges to ground water of reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C.
 - 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 WATCH OFFICE TOLL FREE NUMBER (800)320-0519, as soon as practicable, 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 Watch Office:
 - (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.

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- (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.
- d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at <https://floridadep.gov/pollutionnotice> or by reporting electronically using the Department's Business Portal at <https://www.fldeportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification").
- (1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination at pollution.notice@floridadep.gov.
- (2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.
- e. Unless discharged to surface waters, a spill, release, discharge, upset or bypass involving reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C., shall not be considered to endanger health or the environment and shall be reported under subsection (21) of this permit.

[62-620.610(20)] [62-620.100(3)]

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

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. 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.c. of this permit.
- c. 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.
- d. 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.b.(1) through (3) of this permit.

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- e. 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.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
- (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. 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.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Aaron Watkins, Director
Central District

Attachment(s):
Discharge Monitoring Report
"Pathogen Monitoring" Form
Map of the General Reuse Service Area

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Interim
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: D001, Flow to surface water (Little Wekiva River)

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
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 (To surface water)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-5	Permit Requirement		3.75 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (To surface water)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-5	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-1	Permit Requirement					5.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-1	Permit Requirement				10.0 (Max.)	7.5 (Max.Wk.Avg.)	5.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-1	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

D-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFD-1	Permit Requirement				200 (An.Avg.)			#/100mL		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 1 Mon. Site No. EFD-1	Permit Requirement				800 (Max.)	400 (90th %)	200 (Mo.Geo.Mn.)	#/100mL		5 Days/Week	Grab
E.coli	Sample Measurement										
PARM Code 51040 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Geo.Mn.)	Report (90th %)	#/100mL	0	Weekly	Grab
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		Continuous	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-1	Permit Requirement						0.01 (Max.)	mg/L		Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as NH ₄)	Sample Measurement										
PARM Code 71845 1 Mon. Site No. EFD-1	Permit Requirement						1.0 (Mo.Avg.)	mg/L		Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as N) (effluent)	Sample Measurement										
PARM Code 00610 P Mon. Site No. EFD-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as N) (calculated limit)	Sample Measurement										
PARM Code 00610 Q Mon. Site No. EFD-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Daily; 24 hours	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 1 Mon. Site No. EFD-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Weekly	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP D-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 P Mon. Site No. EFD-1	Permit Requirement		Report (Mo.Total)	lb/mth					0	Monthly	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 Q Mon. Site No. EFD-1	Permit Requirement		26640 (An.Total)	lb/yr						Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Avg.)	mg/L	0	Weekly	24-hr FPC	
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. EFD-1	Permit Requirement		Report (Mo.Total)	lb/mth					0	Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Q Mon. Site No. EFD-1	Permit Requirement		3252 (An.Total)	lb/yr						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Avg.)	mg/L	0	Weekly	24-hr FPC	
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Min.)		mg/L			Daily; 24 hours	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 1 Mon. Site No. EFD-1	Permit Requirement					Report (Max.)	mg/L	0	Monthly	Grab	

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: D001, Flow to surface water (Little Wekiva River)

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
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 (To surface water)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-5	Permit Requirement		3.75 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (To surface water)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-5	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFD-1	Permit Requirement					5.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 1 Mon. Site No. EFD-1	Permit Requirement				10.0 (Max.)	7.5 (Max.Wk.Avg.)	5.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFD-1	Permit Requirement					20.0 (An.Avg.)		mg/L		5 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFD-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		5 Days/Week	24-hr FPC

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

D-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFD-1	Permit Requirement				200 (An.Avg.)			#/100mL		5 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 1 Mon. Site No. EFD-1	Permit Requirement				800 (Max.)	400 (90th %)	200 (Mo.Geo.Mn.)	#/100mL		5 Days/Week	Grab
E.coli	Sample Measurement										
PARM Code 51040 1 Mon. Site No. EFD-1	Permit Requirement					126 (Mo.Geo.Mn.)	410 (90th %)	#/100mL		Weekly	Grab
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		Continuous	Meter
Chlorine, Total Residual (For Dechlorination)	Sample Measurement										
PARM Code 50060 1 Mon. Site No. EFD-1	Permit Requirement						0.01 (Max.)	mg/L		Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as N) (effluent minus calculated limit)	Sample Measurement										
PARM Code 00610 1 Mon. Site No. EFD-1	Permit Requirement						0.0 (Mo.Avg.)	mg/L		Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as N) (effluent)	Sample Measurement										
PARM Code 00610 P Mon. Site No. EFD-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Daily; 24 hours	Grab
Nitrogen, Ammonia, Total (as N) (calculated limit)	Sample Measurement										
PARM Code 00610 Q Mon. Site No. EFD-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Daily; 24 hours	Calculated
Nitrogen, Ammonia, Total (as N) (ratio)	Sample Measurement										
PARM Code 00610 R Mon. Site No. CAL-1	Permit Requirement						2.5 (Max.)	ratio		Monthly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP D-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Avg.)	mg/L	0		Weekly	24-hr FPC
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 P Mon. Site No. EFD-1	Permit Requirement		Report (Mo.Total)	lb/mth				0		Monthly	Calculated
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 Q Mon. Site No. EFD-1	Permit Requirement		26640 (An.Total)	lb/yr						Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Avg.)	mg/L	0		Weekly	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. EFD-1	Permit Requirement		Report (Mo.Total)	lb/mth				0		Monthly	Calculated
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Q Mon. Site No. EFD-1	Permit Requirement		3252 (An.Total)	lb/yr						Monthly	Calculated
Nitrogen, Total	Sample Measurement										
PARM Code 00600 1 Mon. Site No. EFD-1	Permit Requirement					Report (Mo.Avg.)	mg/L	0		Weekly	24-hr FPC
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFD-1	Permit Requirement				6.0 (Min.)		mg/L			Daily; 24 hours	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 1 Mon. Site No. EFD-1	Permit Requirement					Report (Max.)	mg/L	0		Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: D001, Flow to surface water (Little Wekiva River)

REPORT FREQUENCY: Annually
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Routine)	Sample Measurement										
PARM Code TAN3B P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Annually	4 grabs/24 hr.
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Ceriodaphnia dubia (Additional)	Sample Measurement										
PARM Code TAN3B R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Routine)	Sample Measurement										
PARM Code TAN6H P Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		Annually	4 grabs/24 hr.
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H Q Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit
LC50 STATRE 96HOUR ACUTE Cyprinella leedsi (Additional)	Sample Measurement										
PARM Code TAN6H R Mon. Site No. EFD-1	Permit Requirement				100 (Min.)			percent		As needed	As required by the permit

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

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

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-002
MONITORING GROUP DESCRIPTION: discharge from Crane's Roost to Little Wekiva River

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Overflow Use, Occurances	Sample Measurement										
PARM Code 74062 P Mon. Site No. OTH-2	Permit Requirement		Report (Mo.Total)	#/mth					0	Monthly	Calculated
Duration of Discharge	Sample Measurement										
PARM Code 81381 P Mon. Site No. OTH-2	Permit Requirement		Report (Mo.Total)	hr/mth					0	Monthly	Calculated

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESCRIPTION: R001, Reuse Irrigation., with Influent

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
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 (Public Access reuse)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement		12.5 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Public Access reuse)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Ground Water Supplemental)	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-3	Permit Requirement		Report (An.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Ground Water Supplemental)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-3	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Surface water to WWTF)	Sample Measurement										
PARM Code 50050 R Mon. Site No. FLW-4	Permit Requirement		Report (An.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Surface water to WWTF)	Sample Measurement										
PARM Code 50050 S Mon. Site No. FLW-4	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer

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

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

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

R-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Supplemental drinking H2O)	Sample Measurement										
PARM Code 50050 T Mon. Site No. FLW-6	Permit Requirement		Report (An.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Supplemental drinking H2O)	Sample Measurement										
PARM Code 50050 U Mon. Site No. FLW-6	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Surface Water from AFIRST)	Sample Measurement										
PARM Code 50050 V Mon. Site No. FLW-7	Permit Requirement		3.0 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Surface Water from AFIRST)	Sample Measurement										
PARM Code 50050 W Mon. Site No. FLW-7	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Reuse to Apopka)	Sample Measurement										
PARM Code 50050 6 Mon. Site No. FLW-8	Permit Requirement		Report (An.Avg.)	MGD					0	Continuous	Flow Totalizer
Flow (Reuse to Apopka)	Sample Measurement										
PARM Code 50050 5 Mon. Site No. FLW-8	Permit Requirement		Report (Mo.Avg.)	MGD					0	Continuous	Flow Totalizer
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement					20.0 (An.Avg.)		mg/L		4 Days/Week	24-hr FPC
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		4 Days/Week	24-hr FPC
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 B Mon. Site No. EFB-1	Permit Requirement						5.0 (Max.)	mg/L		4 Days/Week	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement						25 (Max.)	#/100mL		4 Days/Week	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

R-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection	Sample Measurement										
PARM Code 51005 A Mon. Site No. EFA-1	Permit Requirement				75 (Min.Mo.Total)			percent		4 Days/Week	Calculated
pH	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		Continuous	Meter
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Turbidity	Sample Measurement										
PARM Code 00070 A Mon. Site No. EFA-1	Permit Requirement						Report (Max.)	NTU	0	Continuous	Meter
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement					10.0 (An.Avg.)		mg/L		4 Days/Week	24-hr FPC
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	4 Days/Week	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFA-1	Permit Requirement					Report (An.Avg.)		mg/L	0	Weekly	24-hr FPC
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement						Report (Mo.Avg.)	mg/L	0	Weekly	24-hr FPC
Solids, Total Suspended (Surface Water)	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-2	Permit Requirement						5.0 (Max.)	mg/L		Daily; 24 hours	Grab
Coliform, Fecal (Surface Water)	Sample Measurement										
PARM Code 74055 P Mon. Site No. EFA-2	Permit Requirement						25 (Max.)	#/100mL		Daily; 24 hours	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

R-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal, % less than detection (Surface Water)	Sample Measurement										
PARM Code 51005 P Mon. Site No. EFA-2	Permit Requirement				75 (Min.Mo.Total)			percent		Daily; 24 hours	Calculated
Chlorine, Total Residual (For Disinfection)(Surface Water)	Sample Measurement										
PARM Code 50060 P Mon. Site No. EFA-2	Permit Requirement				1.0 (Min.)			mg/L		Continuous	Meter
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 P Mon. Site No. SWA-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 6 Mon. Site No. SWD-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. SWA-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 6 Mon. Site No. SWD-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. SWA-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 6 Mon. Site No. SWD-1	Permit Requirement					Report (Max.)		mg/L	0	Monthly	Grab
Flow (Total through plant)	Sample Measurement										
PARM Code 50050 A Mon. Site No. FLW-1	Permit Requirement		12.5 (An.Avg.)	MGD						Continuous	Flow Totalizer
Flow (Total through plant)	Sample Measurement										
PARM Code 50050 B Mon. Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	Report (Qt.Avg.)	MGD					0	Continuous	Flow Totalizer

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP R-001

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

[illegible]

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESCRIPTION: R001, Reuse Irrigation., with Influent

REPORT FREQUENCY: Annually
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal (Groundwater Supplemental)	Sample Measurement										
PARM Code 74055 P Mon. Site No. OTH-1	Permit Requirement					Report (Max.)		#/100mL	0	Annually	Grab

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: RMP-Q
MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons					0	Monthly	Calculated

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

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: PRT-I
MONITORING GROUP DESCRIPTION: Influent Pretreatment

REPORT FREQUENCY: Annually
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
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.)	s.u.	0	Annually	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	0	Annually	Grab
Benzene	Sample Measurement										
PARM Code 34030 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Bromoform	Sample Measurement										
PARM Code 32104 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Chlorobenzene	Sample Measurement										
PARM Code 34301 G Mon. Site No. PRT-I	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

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

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

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

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Chloroethane	Sample Measurement										
PARM Code 85811 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
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	0	Annually	Grab
Chloroform	Sample Measurement										
PARM Code 32106 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene	Sample Measurement										
PARM Code 34371 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methyl bromide	Sample Measurement										
PARM Code 34413 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methyl chloride	Sample Measurement										
PARM Code 34418 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methylene chloride	Sample Measurement										
PARM Code 34423 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
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	0	Annually	Grab
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Toluene	Sample Measurement										
PARM Code 34010 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene	Sample Measurement										
PARM Code 39180 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Vinyl chloride	Sample Measurement										
PARM Code 39175 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
2-chlorophenol	Sample Measurement										
PARM Code 34586 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2-nitrophenol	Sample Measurement										
PARM Code 34591 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Pentachlorophenol	Sample Measurement										
PARM Code 39032 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Anthracene	Sample Measurement										
PARM Code 34220 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzidine	Sample Measurement										
PARM Code 39120 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Chrysene	Sample Measurement										
PARM Code 34320 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Dibenzo (a,h) anthracene	Sample Measurement										
PARM Code 34556 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
3,3'-dichlorobenzidine	Sample Measurement										
PARM Code 34631 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Diethyl phthalate	Sample Measurement										
PARM Code 34336 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Dimethyl phthalate	Sample Measurement										
PARM Code 34341 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Di-n-butyl phthalate	Sample Measurement										
PARM Code 39110 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
2,4-dinitrotoluene	Sample Measurement										
PARM Code 34611 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement										
PARM Code 34626 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Fluoranthene	Sample Measurement										
PARM Code 34376 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Fluorene	Sample Measurement										
PARM Code 34381 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobutadiene	Sample Measurement										
PARM Code 39702 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachloroethane	Sample Measurement										
PARM Code 34396 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Naphthalene	Sample Measurement										
PARM Code 34696 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Pyrene	Sample Measurement										
PARM Code 34469 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Aldrin	Sample Measurement										
PARM Code 39330 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Dieldrin	Sample Measurement										
PARM Code 39380 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement										
PARM Code 34356 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Endrin	Sample Measurement										
PARM Code 39390 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Heptachlor	Sample Measurement										
PARM Code 39410 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Toxaphene	Sample Measurement										
PARM Code 39400 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-I

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	Grab
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	Grab
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 G Mon. Site No. PRT-I	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: PRT-E
MONITORING GROUP DESCRIPTION: Effluent Pretreatment

REPORT FREQUENCY: Annually
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
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.)	s.u.	0	Annually	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	0	Annually	Grab
Benzene	Sample Measurement										
PARM Code 34030 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Bromoform	Sample Measurement										
PARM Code 32104 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Carbon tetrachloride	Sample Measurement										
PARM Code 32102 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab
Chlorobenzene	Sample Measurement										
PARM Code 34301 1 Mon. Site No. PRT-E	Permit Requirement				Report (An.Avg.)		Report (Max.)	ug/L	0	Annually	Grab

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

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

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

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

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorodibromomethane	Sample Measurement										
PARM Code 34306 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Chloroethane	Sample Measurement										
PARM Code 85811 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
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	0	Annually	Grab
Chloroform	Sample Measurement										
PARM Code 32106 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Dichlorobromomethane	Sample Measurement										
PARM Code 32101 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene	Sample Measurement										
PARM Code 34536 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,3-dichlorobenzene	Sample Measurement										
PARM Code 34566 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene	Sample Measurement										
PARM Code 34571 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1-dichloroethane	Sample Measurement										
PARM Code 34496 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloroethane	Sample Measurement										
PARM Code 32103 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,1-dichloroethylene	Sample Measurement										
PARM Code 34501 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,2-dichloropropane	Sample Measurement										
PARM Code 34541 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,3-dichloropropene	Sample Measurement										
PARM Code 77163 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene	Sample Measurement										
PARM Code 34371 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methyl bromide	Sample Measurement										
PARM Code 34413 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methyl chloride	Sample Measurement										
PARM Code 34418 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Methylene chloride	Sample Measurement										
PARM Code 34423 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
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	0	Annually	Grab
Tetrachloroethylene	Sample Measurement										
PARM Code 34475 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Toluene	Sample Measurement										
PARM Code 34010 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
1,2-trans-dichloroethylene	Sample Measurement										
PARM Code 34546 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1,1-trichloroethane	Sample Measurement										
PARM Code 34506 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
1,1,2-trichloroethane	Sample Measurement										
PARM Code 34511 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene	Sample Measurement										
PARM Code 39180 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
Vinyl chloride	Sample Measurement										
PARM Code 39175 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab
2-chlorophenol	Sample Measurement										
PARM Code 34586 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2-nitrophenol	Sample Measurement										
PARM Code 34591 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Pentachlorophenol	Sample Measurement										
PARM Code 39032 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Acenaphthene	Sample Measurement										
PARM Code 34205 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Acenaphthylene	Sample Measurement										
PARM Code 34200 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Anthracene	Sample Measurement										
PARM Code 34220 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzidine	Sample Measurement										
PARM Code 39120 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Benzo(a)anthracene	Sample Measurement										
PARM Code 34526 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Benzo(ghi)perylene	Sample Measurement										
PARM Code 34521 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Butyl benzyl phthalate	Sample Measurement										
PARM Code 34292 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Chrysene	Sample Measurement										
PARM Code 34320 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
2,6-dinitrotoluene	Sample Measurement										
PARM Code 34626 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Fluoranthene	Sample Measurement										
PARM Code 34376 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Fluorene	Sample Measurement										
PARM Code 34381 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobenzene	Sample Measurement										
PARM Code 39700 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobutadiene	Sample Measurement										
PARM Code 39702 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene	Sample Measurement										
PARM Code 34386 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachloroethane	Sample Measurement										
PARM Code 34396 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Isophorone	Sample Measurement										
PARM Code 34408 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Naphthalene	Sample Measurement										
PARM Code 34696 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Nitrobenzene	Sample Measurement										
PARM Code 34447 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Phenanthrene	Sample Measurement										
PARM Code 34461 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC
Pyrene	Sample Measurement										
PARM Code 34469 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Aldrin	Sample Measurement										
PARM Code 39330 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Dieldrin	Sample Measurement										
PARM Code 39380 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
B-endosulfan-beta	Sample Measurement										
PARM Code 34356 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Endrin	Sample Measurement										
PARM Code 39390 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	24-hr FPC
Heptachlor	Sample Measurement										
PARM Code 39410 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
PCB-1248	Sample Measurement										
PARM Code 39500 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC
Toxaphene	Sample Measurement										
PARM Code 39400 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

PRT-E

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	Grab
Nickel, Total Recoverable	Sample Measurement										
PARM Code 01074 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	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	0	Annually	Grab
Phenolic Compounds, Total Recoverable	Sample Measurement										
PARM Code 70029 1 Mon. Site No. PRT-E	Permit Requirement					Report (An.Avg.)	Report (Max.)	ug/L	0	Annually	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: PRT-R
MONITORING GROUP DESCRIPTION: Residuals Pretreatment

REPORT FREQUENCY: Annually
PROGRAM: Domestic

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Arsenic Total, Dry Weight, Sludge	Sample Measurement										
PARM Code 49565 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg	0	Annually	Composite
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	0	Annually	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	0	Annually	Composite
Lead, Dry Weight	Sample Measurement										
PARM Code 78468 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg	0	Annually	Composite
Mercury, Dry Weight	Sample Measurement										
PARM Code 78471 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg	0	Annually	Composite
Molybdenum, Dry Weight	Sample Measurement										
PARM Code 78465 + Mon. Site No. PRT-R	Permit Requirement				Report (An.Avg.)	Report (Max.)		mg/kg	0	Annually	Composite

*FOR THOSE PARAMETERS THAT ARE SAMPLED ANNUALLY, THE MAXIMUM AND AVERAGE CONCENTRATIONS ARE EQUIVALENT AND SHALL BE REPORTED AS SUCH ON THE DMR.

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

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

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

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP PRT-R

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

[illegible]

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: <https://www.fldepportal.com/go/>

PERMITTEE NAME: Altamonte Springs, City of
MAILING ADDRESS: 950 Keller Rd
Altamonte Springs, Florida 32714- 1617

FACILITY: Altamonte Springs Regional WRF
LOCATION: 950 Keller Rd
Altamonte Springs, FL 32714-1617

COUNTY: Seminole
OFFICE: Central District

PERMIT NUMBER: FL0033251-018-DW1P

LIMIT:
CLASS SIZE:
MONITORING GROUP NUMBER:
MONITORING GROUP DESCRIPTION:
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING NOT REQUIRED:* ☐
MONITORING PERIOD From: _____ To: _____

Final
MA
RWS-A
Annual Reclaimed Water or Effluent Analysis
REPORT FREQUENCY: Annually
PROGRAM: Domestic

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Antimony, Total Recoverable (GWS = 6)**	Sample Measurement										
PARM Code 01268 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Arsenic, Total Recoverable (GWS = 10)	Sample Measurement										
PARM Code 00978 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Barium, Total Recoverable (GWS = 2,000)	Sample Measurement										
PARM Code 01009 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Beryllium, Total Recoverable (GWS = 4)	Sample Measurement										
PARM Code 00998 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Cadmium, Total Recoverable (GWS = 5)	Sample Measurement										
PARM Code 01113 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chromium, Total Recoverable (GWS =100)	Sample Measurement										
PARM Code 01118 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

*THE "MONITORING NOT REQUIRED" CHECKBOX SHOULD BE SELECTED WHEN A CERTIFICATION STATEMENT IN ACCORDANCE WITH SUBSECTION 62-600.680(2), F.A.C., IS SUBMITTED WITH THIS DMR. SEE CERTIFICATION STATEMENT IN COMMENTS SECTION BELOW.

**GROUND WATER STANDARD (GWS) FOR REFERENCE AND REVIEW ONLY.

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

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

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

☐ NO NEW NON-DOMESTIC WASTEWATER DISCHARGERS HAVE BEEN ADDED TO THE COLLECTION SYSTEM SINCE THE LAST RECLAIMED WATER OR EFFLUENT ANALYSIS WAS CONDUCTED.
SIGN AND DATE:

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Cyanide, Free (amen. to chlorination)(GWS = 200)	Sample Measurement										
PARM Code 00722 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
Fluoride, Total (as F) (GWS = 4.0/2.0)	Sample Measurement										
PARM Code 00951 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Lead, Total Recoverable (GWS = 15)	Sample Measurement										
PARM Code 01114 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Mercury, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 71901 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Nickel, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01074 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Nitrogen, Nitrate, Total (as N) (GWS = 10)	Sample Measurement										
PARM Code 00620 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Nitrogen, Nitrite, Total (as N) (GWS = 1)	Sample Measurement										
PARM Code 00615 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Nitrite plus Nitrate, Total 1 det. (as N)(GWS = 10)	Sample Measurement										
PARM Code 00630 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Selenium, Total Recoverable (GWS =50)	Sample Measurement										
PARM Code 00981 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Sodium, Total Recoverable (GWS = 160)	Sample Measurement										
PARM Code 00923 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Thallium, Total Recoverable (GWS = 2)	Sample Measurement										
PARM Code 00982 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
1,1-dichloroethylene (GWS = 7)	Sample Measurement										
PARM Code 34501 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
1,1,1-trichloroethane (GWS = 200)	Sample Measurement										
PARM Code 34506 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
1,1,2-trichloroethane (GWS = 5)	Sample Measurement										
PARM Code 34511 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
1,2-dichloroethane (GWS = 3)	Sample Measurement										
PARM Code 32103 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
1,2-dichloropropane (GWS = 5)	Sample Measurement										
PARM Code 34541 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
1,2,4-trichlorobenzene (GWS = 70)	Sample Measurement										
PARM Code 34551 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Benzene (GWS = 1)	Sample Measurement										
PARM Code 34030 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
Carbon tetrachloride (GWS = 3)	Sample Measurement										
PARM Code 32102 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	
Cis-1,2-dichloroethene (GWS = 70)	Sample Measurement										
PARM Code 81686 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	Grab	

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dichloromethane (methylene chloride)(GWS = 5)	Sample Measurement										
PARM Code 03821 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Ethylbenzene (GWS = 700)	Sample Measurement										
PARM Code 34371 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Monochlorobenzene (GWS = 100)	Sample Measurement										
PARM Code 34031 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-dichlorobenzene (GWS = 600)	Sample Measurement										
PARM Code 34536 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,4-dichlorobenzene (GWS = 75)	Sample Measurement										
PARM Code 34571 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Styrene, Total (GWS = 100)	Sample Measurement										
PARM Code 77128 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Tetrachloroethylene (GWS = 3)	Sample Measurement										
PARM Code 34475 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Toluene (GWS = 1,000)	Sample Measurement										
PARM Code 34010 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
1,2-trans-dichloroethylene (GWS = 100)	Sample Measurement										
PARM Code 34546 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Trichloroethylene (GWS = 3)	Sample Measurement										
PARM Code 39180 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Vinyl chloride (GWS = 1)	Sample Measurement										
PARM Code 39175 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Xylenes (GWS = 10,000)	Sample Measurement										
PARM Code 81551 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
2,3,7,8-tetrachlorodibenzo-p-dioxin(GWS = 3x10^-5)	Sample Measurement										
PARM Code 34675 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
2,4-dichlorophenoxyacetic acid (GWS = 70)	Sample Measurement										
PARM Code 39730 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Silvex (GWS = 50)	Sample Measurement										
PARM Code 39760 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Alachlor (GWS = 2)	Sample Measurement										
PARM Code 39161 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Atrazine (GWS = 3)	Sample Measurement										
PARM Code 39033 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Benzo(a)pyrene (GWS = 0.2)	Sample Measurement										
PARM Code 34247 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Carbofuran (GWS = 40)	Sample Measurement										
PARM Code 81405 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Chlordane (tech mix. and metabolites)(GWS = 2)	Sample Measurement										
PARM Code 39350 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Dalapon (GWS = 200)	Sample Measurement										
PARM Code 38432 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis(2-ethylhexyl)adipate (GWS = 400)	Sample Measurement										
PARM Code 77903 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Bis (2-ethylhexyl) phthalate (GWS = 6)	Sample Measurement										
PARM Code 39100 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Dibromochloropropane (DBCP) (GWS = 0.2)	Sample Measurement										
PARM Code 82625 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Dinoseb (GWS = 7)	Sample Measurement										
PARM Code 30191 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Diquat (GWS = 20)	Sample Measurement										
PARM Code 04443 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endothall (GWS = 100)	Sample Measurement										
PARM Code 38926 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Endrin (GWS = 2)	Sample Measurement										
PARM Code 39390 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Ethylene dibromide (1,2-dibromoethane)(GWS = 0.02)	Sample Measurement										
PARM Code 77651 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	Grab
Glyphosate (GWS = 0.7)	Sample Measurement										
PARM Code 79743 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC

ISSUANCE/REISSUANCE DATE: May 16, 2023

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEP Form 62-620.910(10), Effective Nov. 29, 1994

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Heptachlor (GWS = 0.4)	Sample Measurement										
PARM Code 39410 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Heptachlor epoxide (GWS = 0.2)	Sample Measurement										
PARM Code 39420 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorobenzene (GWS = 1)	Sample Measurement										
PARM Code 39700 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Hexachlorocyclopentadiene (GWS = 50)	Sample Measurement										
PARM Code 34386 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Gamma BHC (Lindane) (GWS = 0.2)	Sample Measurement										
PARM Code 39782 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Methoxychlor (GWS = 40)	Sample Measurement										
PARM Code 39480 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Oxamyl (vydate) (GWS = 200)	Sample Measurement										
PARM Code 38865 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Pentachlorophenol (GWS = 1)	Sample Measurement										
PARM Code 39032 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Picloram (GWS = 500)	Sample Measurement										
PARM Code 39720 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Polychlorinated Biphenyls (PCBs)(GWS = 0.5)	Sample Measurement										
PARM Code 39516 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Simazine (GWS = 4)	Sample Measurement										
PARM Code 39055 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Toxaphene (GWS = 3)	Sample Measurement										
PARM Code 39400 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Trihalomethane, Total by summation(GWS = 0.080)	Sample Measurement										
PARM Code 82080 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	Grab
Radium 226 + Radium 228, Total (GWS = 5)	Sample Measurement										
PARM Code 11503 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Alpha, Gross Particle Activity (GWS = 15)	Sample Measurement										
PARM Code 80045 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	pCi/L	0	Annually	24-hr FPC
Aluminum, Total Recoverable (GWS = 0.2)	Sample Measurement										
PARM Code 01104 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Chloride (as Cl) (GWS = 250)	Sample Measurement										
PARM Code 00940 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Iron, Total Recoverable (GWS = 0.3)	Sample Measurement										
PARM Code 00980 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	mg/L	0	Annually	24-hr FPC
Copper, Total Recoverable (GWS = 1,000)	Sample Measurement										
PARM Code 01119 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC
Manganese, Total Recoverable (GWS = 50)	Sample Measurement										
PARM Code 11123 P Mon. Site No. RWS-A	Permit Requirement						Report (Max.)	ug/L	0	Annually	24-hr FPC

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Altamonte Springs Regional WRF

MONITORING GROUP

RWS-A

PERMIT NUMBER: FL0033251-018-DW1P

NUMBER:

MONITORING PERIOD

From: _____

To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Silver, Total Recoverable (GWS = 100)	Sample Measurement										
PARM Code 01079 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
Sulfate, Total (GWS = 250)	Sample Measurement										
PARM Code 00945 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Zinc, Total Recoverable (GWS = 5,000)	Sample Measurement										
PARM Code 01094 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	ug/L	0	Annually	24-hr FPC	
pH (GWS = 6.5-8.5)	Sample Measurement										
PARM Code 00400 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	s.u.	0	Annually	Grab	
Solids, Total Dissolved (TDS) (GWS = 500)	Sample Measurement										
PARM Code 70295 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	
Foaming Agents (GWS = 0.5)	Sample Measurement										
PARM Code 01288 P Mon. Site No. RWS-A	Permit Requirement					Report (Max.)	mg/L	0	Annually	24-hr FPC	

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FL0033251-018-DW1P
From: _____ To: _____

Facility: Altamonte Springs Regional WRF

	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Chlorine, Total Residual (For Disinfection) (Surface Water)	Chlorine, Total Residual (For Dechlorination) mg/L	Coliform, Fecal #/100mL	Coliform, Fecal (Surface Water) #/100mL	Coliform, Fecal #/100mL	Dichlorobromomethane mg/L	E.coli #/100mL
Code	80082	80082	80082	50060	50060	50060	74055	74055	74055	32101	51040
Mon. Site	EFA-1	EFD-1	INF-2	EFA-1	EFA-2	EFD-1	EFA-1	EFA-2	EFD-1	EFD-1	EFD-1
1											
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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: FL0033251-018-DW1P

Facility: Altamonte Springs Regional WRF

Monitoring Period From: To:

	Flow (Total through plant) MGD	Flow (Public Access reuse) MGD	Flow (Ground Water Supplemental) MGD	Flow (Surface water to WWTF) MGD	Flow (To surface water) MGD	Flow (Supplemental drinking H2O) MGD	Flow (Surface Water from AFIRST) MGD	Flow (Reuse to Apopka) MGD	Nitrogen, Ammonia, Total (as N) (effluent) mg/L	Nitrogen, Ammonia, Total (as NH4) mg/L	Nitrogen, Nitrate, Total (as N) mg/L
Code	50050	50050	50050	50050	50050	50050	50050	50050	00610	71845	00620
Mon. Site	FLW-1	FLW-2	FLW-3	FLW-4	FLW-5	FLW-6	FLW-7	FLW-8	EFD-1	EFD-1	EFD-1
1											
2											
3											
4											
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26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator Class: Certificate No: Name:

Evening Shift Operator Class: Certificate No: Name:

Night Shift Operator Class: Certificate No: Name:

Lead Operator Class: Certificate No: Name:

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0033251-018-DW1P Facility: Altamonte Springs Regional WRF
 Monitoring Period From: _____ To: _____

	Nitrogen, Nitrate, Total (as N) mg/L	Nitrogen, Nitrate, Total (as N) mg/L	Nitrogen, Total mg/L	Nitrogen, Total mg/L	Nitrogen, Total mg/L	Nitrogen, Total mg/L	Oxygen, Dissolved (DO) mg/L	Phosphorus, Total (as P) mg/L	Phosphorus, Total (as P) mg/L	Phosphorus, Total (as P) mg/L	Phosphorus, Total (as P) mg/L
Code	00620	00620	00600	00600	00600	00600	00300	00665	00665	00665	00665
Mon. Site	SWA-1	SWD-1	EFA-1	EFD-1	SWA-1	SWD-1	EFD-1	EFA-1	EFD-1	SWA-1	SWD-1
1											
2											
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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: FL0033251-018-DW1P Facility: Altamonte Springs Regional WRF
Monitoring Period From: To:

	Solids, Total Suspended (Surface Water) mg/L	Solids, Total Suspended mg/L	Solids, Total Suspended mg/L	Solids, Total Suspended (Influent) mg/L	Turbidity NTU	pH (Min) s.u.	pH (Max) s.u.	pH (Min) s.u.	pH (Max) s.u.		
Code	00530	00530	00530	00530	00070	00400	00400	00400	00400		
Mon. Site	EFA-2	EFB-1	EFD-1	INF-2	EFA-1	EFA-1	EFA-1	EFD-1	EFD-1		
1											
2											
3											
4											
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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:

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. 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, unless indicated otherwise in the permit or on the DMR:

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

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

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

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

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

PART D - GROUND WATER MONITORING REPORT

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

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

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

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

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: FL0033251-018 (Major)

FACILITY NAME: Altamonte Springs Regional Water Reclamation Facility

FACILITY LOCATION: 950 Keller Rd, Altamonte Springs, FL 32714-1617
Seminole County

NAME OF PERMITTEE: City of Altamonte Springs

PERMIT WRITER: Charles LeGros

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FL0033251-018-DW1P

Application Submittal Date: July 14, 2022

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Municipal

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity: 12.5 MGD Annual Average Daily Flow

Proposed Increase in Permitted Capacity: 0.0 MGD Annual Average Daily Flow

Proposed Total Permitted Capacity: 12.5 MGD Annual Average Daily Flow

d. Description of Wastewater Treatment

The plant is an existing 12.5 MGD annual average daily flow (AADF) permitted capacity activated sludge advanced domestic wastewater treatment plant consisting of influent screening, grit removal, anoxic/aerobic nitrification, secondary clarification, flocculation, denitrification, filtration, a chemical feed system, post aeration, chlorination, and dechlorination/neutralization, with gravity thickening of residuals followed by aerobic digestion and belt filter press dewatering.

This permit includes rehabilitation of the existing sand filters.

This permit includes the existing Altamonte-FDOT Integrated Reuse and Storm Water Treatment (AFIRST) Reuse Augmentation Facility (RAF) (located at the City's former Water Plant #4) at latitude 28°39' 57.5" N, longitude 81°24' 46.6" W to treat stormwater from Cranes Roost. Reclaimed water is then transferred to the City of Apopka through a new transmission main from the City's distribution network at Eden Park to the existing ground storage tanks located at the City of Apopka's water reclamation facility.

This permit also includes the previously approved and completed pilot test project to produce a purified reclaimed water that meets drinking water standards. After treatment, the water is returned to the wastewater treatment plant for retreatment. The October 2017 final test report was previously submitted to the Department. The pilot test equipment remains on site.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

Surface Water Discharge D-001: The authorized discharge is an existing 3.75 MGD annual average daily flow discharge to Little Wekiva River, Class III fresh waters, (WBID# 2987) which is approximately 15,840 feet in length from the plant (zero distance from the shoreline) and discharges at a depth of approximately 2 feet. The point of discharge is located approximately at latitude 28°39' 15" N, longitude 81°24' 25" W.

Surface Water Discharge D-002: Public access quality reclaimed water is discharged into Crane's Roost Stormwater pond which intermittently discharges to the Little Wekiva River near the San Sebastian Trailhead (WBID #2987). This discharge is limited to extreme wet-weather events. The point of discharge is located approximately at latitude 28°39' 47.6" N, longitude 81°24' 38.3" W.

Land Application R-001: The land application system is an existing 12.5 MGD annual average daily flow permitted capacity slow-rate public access reuse system. R-001 consists of a reclaimed water transmission and distribution system to provide reclaimed water throughout the City of Altamonte Springs for irrigation, within the 5,900 acre Reuse Service Area and a 0.25 million gallon (MG) effluent holding tank at the treatment plant site. The reclaimed water system has interconnections and can send reclaimed water to the City of Apopka and accept reclaimed water from the Wekiva Hunt Club WWTF.

The following surface water sources may be introduced into the sanitary sewer system to augment the supply of reclaimed water: Lake Orienta, Lake Maltbie, and Cranes Roost.

The following ground water sources may be used to augment the supply of reclaimed water: The former water supply wells at Water Treatment Plant #3, which are no longer used as a potable source.

Treated drinking water may be used to augment the supply of reclaimed water.

Stormwater from the following sources may be introduced into the sanitary sewerage system to augment the supply of reclaimed water: various stormwater ponds within the city, including Ponds 46, 44, Gateway Activity Center, Weathersfield, Cranes Roost, and the wastewater treatment facility site.

The following treated stormwater sources may be used to augment the supply of reclaimed water: The new AFIRST Reuse Augmentation Facility (RAF) will treat (filtration and disinfection) stormwater from the existing Cranes Roost Stormwater Pond for augmentation of the City's existing reclaimed water reuse system (Project APRICOT). The AFIRST RAF will have a capacity of 3.0 MGD annual average daily flow.

2. SUMMARY OF SURFACE WATER DISCHARGE

Monitoring Group D-001: Class III Fresh Waters, Little Wekiva River (WBID# 2987).

During the application permit cycle period reviewed (January 16, 2018 through July 2022) there were only two discharges:

July 7, 2019 Discharge – this event occurred as a result of a lightning strike disrupting operation. This discharge was limited to 0.64 mg, less than 8% of the total flow that day.

September 27, 2020 Discharge – this event occurred as a result of a failure in the plant electrical distribution system.

Pollutants that are present in significant quantities or are subject to effluent or reclaimed water limitations are as follows (August 21- July 22), there were no discharges (NOD):

Parameters	Reported Data		
	Annual Avg.	Lowest Monthly Avg.	Highest Monthly Avg.
Flow	NOD	NOD	NOD
CBOD 5-day	NOD	NOD	NOD
Total Suspended Solids	NOD	NOD	NOD
Fecal Coliform	NOD	NOD	NOD
Ammonia, as N	NOD	NOD	NOD
Total Phosphorus	NOD	NOD	NOD
Nitrogen, Nitrate, Total (as N)	NOD	NOD	NOD
Dissolved Oxygen (min)	NOD	NOD	NOD
Total Chlorine Residual, Dechlorinated Effluent	NOD	NOD	NOD

For D-002 (WBID # 2987), which is a discharge from a stormwater system that receives reclaimed water, only date and duration of the discharge are reported, in accordance with Rule 62-620.320(6), FAC.

This facility does not have a new or expanded discharge to surface waters.

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

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to discharge effluent from Outfall D-001 to the Little Wekiva River based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (To surface water)	MGD	Max	3.75	Annual Average	62-600.700(2)(b) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	5.0	Annual Average	62-600.430 or 510 FAC, 62-650 FAC, 62-600.740(1)(a)1. FAC
		Max	5.0	Monthly Average	62-650 FAC
		Max	7.5	Weekly Average	62-600.740(1)(a)3. FAC
		Max	10.0	Single Sample	62-600.740(1)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-600.430 or 510 FAC, 62-650 FAC, 62-600.740(1)(b)1. FAC
		Max	30.0	Monthly Average	62-650 FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)3. FAC
		Max	60.0	Single Sample	62-600.740(1)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-600.640(5)(a)1 FAC
		Max	200	Monthly Geometric Mean	62-600.640(5)(a)2 FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
		Max	400	90th Percentile	62-600.640(5)(a)3 FAC
		Max	800	Single Sample	62-600.640(5)(a)4 FAC
E.coli	#/100mL	Max	126	Monthly Geometric Mean	62-302.530 FAC
		Max	410	90th Percentile	62-302.530 FAC
pH	s.u.	Min	6.0	Single Sample	62-600.430, 62-302.530(52) & 62-650 FAC
		Max	8.5	Single Sample	62-600.430, 62-302.530(52) & 62-650 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-600.440(5)(c) FAC
Acute Whole Effluent Toxicity, 96 Hour LC50 (Ceriodaphnia dubia)*	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC
Acute Whole Effluent Toxicity, 96 Hour LC50 (Cyprinella leedsi)*	percent	Min	100	Single Sample	62-302.200(1), 62-302.500(1)(a)4 & 62-4.241(1)(a) FAC
Chlorine, Total Residual (For Dechlorination)	mg/L	Max	0.01	Single Sample	62-600.440(2) & 62-302.530(18) FAC
Nitrogen, Ammonia, Total (as NH4)	mg/L	Max	1.0	Monthly Average	62-650 FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Monthly Average	62-650 FAC
Nitrogen, Nitrate, Total (as N)	lb/mth	Max	Report	Monthly Total	62-304.506(3)(a) FAC
Nitrogen, Nitrate, Total (as N)	lb/yr	Max	26,640	Annual Total	62-304.506(3)(a) FAC & 403.088(2) FS
Phosphorus, Total (as P)	mg/L	Max	Report	Monthly Average	62-650 FAC
Phosphorus, Total (as P)	lb/mth	Max	Report	Monthly Total	62-304.506(3)(a) FAC
Phosphorus, Total (as P)	lb/yr	Max	3,252	Annual Total	62-304.506(3)(a) FAC & 403.088(2) FS
Nitrogen, Total	mg/L	Max	Report	Monthly Average	62-650 FAC and 62-304.506(3)(a) FAC
Oxygen, Dissolved (DO)	mg/L	Min	6.0	Single Sample	62-650 FAC
Dichlorobromomethane	mg/L	Max	Report	Single Sample	62-302.530(35)(b)(5) FAC

*Toxicity testing is only required when the facility is discharging. The City is not required to force a discharge for the sole reason of collecting samples.

Because there is no established relationship between fecal coliform and E. coli bacteria, limitations based on both the disinfection requirements for fecal coliform from subsection 62-600.440(5), F.A.C., and based on the bacteriological

water quality standards for E. coli for discharges to Class III predominately fresh waters under Rule 62-302.530, F.A.C., have been included in the permit.

In addition to the specified limits, the monthly average effluent CBOD₅ and total suspended solids concentrations shall not exceed 15% of the respective influent values (85% Removal).

Current:

During the application permit cycle period reviewed (January 16, 2018 through July 2022) there were only two single day discharges.

This permit includes existing load limits for nutrients that ensure compliance with the waste load allocations (WLA) to the Wekiva River, as described in the Total Maximum Daily Load (TMDL) Report and monthly nutrient sampling upstream of the discharge and downstream near the confluence of the Little Wekiva and Wekiva Rivers, to further demonstrate that the new limits are protective of the receiving waters.

The facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water.

Historical:

The discharge, D001, is to the Little Wekiva River, a Class III freshwater that has been designated as an Outstanding Florida Water. Effluent limitations are based on a Level II WQBEL titled "1979 Little Wekiva River WLA," Vol. 2, No. 15, Water Quality Technical Series that was finalized by Randy Armstrong on July 17, 1979. The wasteload allocations (WLA) were revised on October 18, 1983. EPA concurred with the resulting effluent limits, per the 1987 EPA permit. In addition, during subsequent review, an ammonia limit (1.0 mg/L monthly average) and discharge pH range (6.0-7.5) applicable to all stream flows were established, TKN and NO₃+NO₂ limits were deleted, and a limit of 5.0 mg/L monthly average for CBOD₅, also based on available monitoring data, was established. This approach eliminated the need for upstream and downstream measurements, the calculations for un-ionized ammonia concentration, and ultimate oxygen demand (UOD).

The facility has significantly reduced discharges to D-001 since the implementation of the A-FIRST project and the reuse interconnect with the City of Apopka. The five days of discharge in 2016, after the AFIRST was in operation, occurred October 7 through 13 following two record rainfall events (the second event on October 7 was associated with Hurricane Matthew).

To confirm the discharges are wet-weather based, the flow to D-001 was a total of 43.4 MG over 16 days in 2012, 160.29 MG over 51 days in 2013, 290.61 MG over 96 days in 2014, and 212.98 MG over 59 days in 2015, and 26.01 over 5 days in 2016. This is total gallons over the course of the year, not gallons per day or month.

In accordance with Rule 62-600.550, F.A.C., new concentration limits for total nitrogen and limits on discharge flows to surface water became effective beginning on April 12, 2011, and were incorporated into the existing wastewater permit during a previous permit revision. These new limits include:

- A reduction of flows from the facility to the Little Wekiva River, D-001, to no more than 30% of the total plant flow, to provide a wet weather discharge for the reuse system, on an annual average basis;*
- A Total Nitrogen limit of 10.0 mg/L, annual average, in the reclaimed water for the public access irrigation system, R-001.*

The same previous permit revision incorporated the wasteload allocations (WLAs) in the TMDLs (FDEP TMDL Report – Nutrient TMDLs for the Wekiva River (WBIDS 2956, 2956A, 2956C) and Rock Springs Run (WBID 2967) – Finalized April 18, 2008 and updated October 2015) for the Little Wekiva and Wekiva Rivers, as required by Rule 62-620.325, F.A.C. The revised permit includes limits for fecal coliform, Total Phosphorus (TP), and Nitrate Nitrogen, and the following conditions are incorporated into the wastewater permit:

A fecal coliform load of 1.21E+08 counts/day [121 million/day] is allocated to this facility for the Little Wekiva River. This allowable load is based on the facility's long-term annual average discharge rate (1.10 mgd) and long-term annual average discharge concentration (8.39 counts/100 ml).

Although the facility does not discharge directly into the Wekiva River, the load from the facility reaches the main Wekiva River through the discharge into the Little Wekiva River. Therefore, the Nutrient TMDL for the Wekiva River included a WLA for the facility as an annual load of 312 lbs/year for TP and an annual load of 1092 lbs/year for Nitrate Nitrogen. The annual loads are used instead of monthly loading limits for these two parameters because the discharge is not continuous. These limits were included in the last and current permit, which is more appropriate for an intermittent discharger. Monthly average effluent concentration limits still apply.

This permit includes new load limits for nutrients that ensure compliance with the WLA to the Wekiva River, as described in the Total Maximum Daily Load (TMDL) Report and monthly nutrient sampling upstream of the discharge and downstream near the confluence of the Little Wekiva and Wekiva Rivers, to further demonstrate that the new limits are protective of the receiving waters.

The load limits take attenuation within the Little Wekiva River into account. The confluence of the Little Wekiva River and the Wekiva River is approximately 9 miles downstream of the City's outfall. Attenuation of nutrients in the Little Wekiva River was determined based on existing water quality data from previous discharges (see June 6, 2017 letter from CDM Smith). Using the calculated attenuation rates of 90.4 percent and 95.9 percent of TP and Nitrate, respectively, load limits at the point of discharge of 3,252 lbs/yr for TP and 26,640 lbs/yr for Nitrate attain the WLAs to the Wekiva River. These new limits, which now include reporting of monthly totals, have been incorporated into the permit.

The facility only uses the surface water discharge during severe wet weather events, or in other emergency situations. The utility continues to make significant efforts to reduce the frequency of discharge to the river and to reduce the concentration of nutrients in the effluent. The City met with the Department on September 1, 2017, to discuss plans to modify the facility so they could produce reclaimed water/effluent that would be able to meet advanced water treatment (AWT) levels, which would be used when producing water for irrigation and during discharge events. The engineering design is complete to modify the facility for additional nutrient removal, in two phases, and the application will be submitted prior to issuance of this permit.

The new permit requires monthly TP, TN and Nitrate sampling upstream of the discharge and near the confluence of the Little Wekiva River and Wekiva River. This sampling will be report only. Because there is rarely a discharge at D-001, this sampling has been added to the R-001 DMR, and shall be conducted monthly. The monthly sampling is required even during months with no discharge. The Department will use downstream data, when the facility is and is not discharging, to provide reasonable assurance that the limits are protective of the receiving water.

Because the facility discharges intermittently during wet weather, it is not practical or necessary to do a stream assessment during wet weather events and during wet weather discharges. Sections 2.2 and 2.3 of FDEP standard operating procedure SCI 1000; Stream Condition Index Methods (DEP-SOP-003/11 SCI 1000), dated 03/01/2014 (<https://www.flrules.org/Gateway/reference.asp?No=Ref-06039>) and referenced in Rule 62-302.200 (37). F.A.C., indicates water level fluctuations will limit the ability to conduct accurate sampling during high water levels. Additionally, the TMDL is protective of downstream waters.

In order to provide reasonable assurance that the discharge will not adversely affect the designated use of the receiving water, whole effluent toxicity testing is required. The permit requires the performance of 96-hour acute static renewal multi-concentration (definitive) toxicity tests to be conducted on freshwater test species. Based on the satisfactory results of the past tests, Whole Effluent Toxicity Test requirements will be conducted on an annual basis for the duration of this permit. Acute toxicity testing is required instead of chronic testing because of the intermittent nature of the discharge.

The proposed effluent limitations will be achieved during the period beginning on the issuance date and lasting through the expiration date of the permit. A Water Quality Based Effluent Limit (WQBEL) Level I Analysis was performed for this permit renewal. The WQBEL will ensure the discharge will not adversely impact the receiving water body. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards at this time.

This facility is authorized to direct reclaimed water to Outfall D-002, to the Cranes Roost Stormwater Pond for additional wet weather storage, based on the following:

Reclaimed water from the public access reuse system is permitted to go to the Cranes Roost Stormwater Pond for additional wet-weather storage. A combination of excess stormwater and reclaimed water will be pumped from the Cranes Roost Stormwater Pond via a transmission main and transfer pumping to the AFIRST Reuse Augmentation Facility (RAF) (old WTP No. 4 site) to be treated by filtration and high-level disinfection and stored within an existing 0.2 MGD reclaimed storage tank and then discharged into the reclaimed water distribution network. The Cranes Roost Stormwater Pond may intermittently discharge to the Little Wekiva River near the San Sebastian Trailhead. This discharge is limited to extreme wet-weather events and will consist primarily of stormwater when the discharge occurs. The permit requires reporting of the time and duration of any discharge.

This facility is authorized to direct reclaimed water to Reuse System R-001, a slow-rate public access system, based on the following:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow (Public Access reuse)	MGD	Max	12.5	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Ground Water Supplemental)	MGD	Max	Report	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Surface water to WWTF)	MGD	Max	Report	Annual Average	62-600.700(2)(b) and 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) and 62-610.810(5) FAC
Flow (Supplemental drinking H2O)	MGD	Max	Report	Annual Average	62-600.700(2)(b) and 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) and 62-610.810(5) FAC
Flow (Surface Water from AFIRST)	MGD	Max	3.0	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
Flow (Reuse to Apopka)	MGD	Max	Report	Annual Average	62-600.700(2)(b) and 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) and 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.460 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.460 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.460 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.460 & 62-600.420(3)(a)4. FAC

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Solids, Total Suspended	mg/L	Max	5.0	Single Sample	62-610.460(1) & 62-600.440(6)(a)3. FAC
Coliform, Fecal	#/100mL	Max	25	Single Sample	62-610.460 & 62-600.440(6)(a)2. FAC
Coliform, Fecal, % less than detection	percent	Min	75	Minimum Total	62-610.460 & 62-600.440(6)(a)1. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	1.0	Single Sample	62-600.440(6)(b), 62-610.460(2), & 62-610.463(2) FAC
Turbidity	NTU	Max	Report	Single Sample	62-610.463(2) FAC
Giardia	cysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Cryptosporidium	oocysts/100L	Max	Report	Single Sample	62-610.463(4) FAC
Nitrogen, Total	mg/L	Max	10.0	Annual Average	62-600.550 FAC
		Max	Report	Monthly Average	62-600.550 FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Annual Average	62-600.650(3) FAC
		Max	Report	Monthly Average	62-600.650(3) FAC
Coliform, Fecal (Groundwater Supplemental)	#/100mL	Max	Report	Single Sample	62-610.470(4)(a)3 FAC
Solids, Total Suspended (Surface Water)	mg/L	Max	5.0	Single Sample	62-610.472(3)(a)1. & 62-600.440(6)(a)3. FAC
Coliform, Fecal (Surface Water)	#/100mL	Max	25	Single Sample	62-610.472(3)(a)1. & 62-600.440(6)(a)1. FAC
Coliform, Fecal, % less than detection (Surface Water)	percent	Min	75	Minimum Total	62-610.472(3)(a)1. FAC & 62-600.440(6)(a)2. FAC
Chlorine, Total Residual (For Disinfection)(Surface Water)	mg/L	Min	1.0	Single Sample	62-600.472(3)(a)1. FAC
Giardia (Surface Water)	cysts/100L	Max	Report	Single Sample	62-610.472(3)(d) FAC
Cryptosporidium (Surface Water)	oocysts/100L	Max	Report	Single Sample	62-610.472(3)(d) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	62-302.531 FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	Report	Single Sample	62-302.531 FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-302.531 FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-302.531 FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-302.531 FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-302.531 FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Flow (Total through plant)	MGD	Max	12.5	Annual Average	62-600.700(2)(b) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) FAC
		Max	Report	Quarterly Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. IMPAIRMENT STATUS OF RECEIVING WATERS

Under Section 303(d) of the Clean Water Act, the Department is required to submit lists of impaired waters to EPA. The direct (Little Wekiva River WBID 2987) and downstream receiving water bodies (Wekiva River WBID 2956A) for this facility's discharge to surface waters are not listed on the 303(d) list.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FL0033251-015-DW1P expired on January 18, 2023.

Permit revision FL0033251-016, issued on January 18, 2018, for nutrient reduction Phase I and II improvements to allow the facility to be able to treat the effluent to advanced water treatment (AWT) quality water standards.

Permit revision FL0033251-017, issued on April 27, 2021, was for a 6.38 Million Gallon (MG) lined pond for storage of public access quality reclaimed water. Per City correspondence on March 14, 2023, this project will not be constructed.

The new wastewater permit for this facility FL0033251-018-DW1P will expire on May 14, 2028.

New Total Ammonia Nitrogen (TAN) and E Coli water quality standards have been included in the permit with accompanying Administrative Order AO-23-001.

The permittee shall electronically submit an annual progress report on the facility's implementation of their plan to eliminate nonbeneficial surface water discharges by January 1, 2032, in accordance with Section 403.064(17), F.S., and Rule 62-600.680(3), F.A.C., to the Department's Wastewater Management Program no later than November 1 of each calendar year. Reports shall be submitted to NPDESDischargePlan2021@Floridadep.gov. The permittee shall comply with the plan by January 1, 2032. [403.064(17) and 62-600.680(3)]

In accordance with the Wekiva Study Area Wastewater Requirements, Rule 62-600.550, F.A.C., a limit of 10.0 mg/L total nitrogen in reclaimed water directed to the public access reuse was previously included in the permit. [62-600.550]

The Final Order Establishing the **revised** Wekiwa and Rock Springs Basin Management Action Plan (BMAP) was adopted May 18, 2021. The facility's reclaimed water system and Apopka WRF reclaimed water systems are located in the Primary Focus Area (PFA) of the Wekiwa and Rock Springs Basin Management Action Plan (BMAP) and will have to meet an annual average limit of 3 mg/l of Total Nitrogen in the reclaimed water because of the capacity and type of reuse system at the facility will take effect on July 1, 2028 and will be written into the facility's next permit issue or renewal following the effective date. Please acknowledge. [Secretarial Order, DEP 18-1065]

Monitoring for total phosphorus (TP) in the reclaimed water was previously included in the permit. [62-600.650(3)]

The facility previously provided the necessary data showing consistently good effluent quality to allow a reduction in the frequency of monitoring for Total Suspended Solids and Fecal Coliform. The sampling frequency is continued to be reduced in this permit from daily to four days per week based on good sampling results. [Figure 1 Rule 62-600.660(1) Footnote 4 FAC]

The sampling frequency of 4 days per week for the Total Nitrogen at the public access reuse system (R-001) was continued from the last permit [Rule 62-600.650(3)]

The sampling frequency of 4 days per week for CBOD₅ at the public access reuse system (R-001) was continued from the last permit and based on good compliance history. Note rule 62-600.660(1), FAC now requires 7 day/week sampling for CBOD for systems over 5 MGD in the public access reuse. If the facility has compliance issues related to CBOD, the Department shall require 7 day/week sampling. [Rule 62-600.650(3)]

6. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Compost USA BTF or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency	All Parameters				62-640.650(5)(a) FAC

7. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility. This facility has one of the first public access reuse systems in the State of Florida. The facility and associated reuse system predate the groundwater monitoring rule.

8. PERMIT SCHEDULES

A schedule is not included in the wastewater permit.

9. 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.

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

This permit is accompanied by AO-23-001 to allow the facility time to confirm they comply with the new Total Ammonia Nitrogen (TAN) and E Coli water quality standards. The permittee has not entered into a CO with the Department that affects this permit.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 14. Copies will be provided at a minimal charge per page.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit and Public Notice to Applicant and EPA	_____March 15, 2023_____
Public Comment Period	Beginning: _March 26, 2023_____ Ending: __April 24, 2023_____
Notice of Intent to Issue	____April 25, 2023_____
Notice of Permit Issuance	____May 16, 2023_____

14. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Charles LeGros
Environmental Consultant
Central District Office

3319 Maguire Blvd
Suite 232
Orlando, FL 32803-3767

Telephone No.: (407) 897-4158



Florida Department of Environmental Protection

Pathogen Monitoring

Part I - Instructions

1. Completion of this report is required by Rules 62-610.463(4), 62-610.472(3)(d), 62-610.525(13), 62-610.568(11), and 62-610.652(6)(c), F.A.C., for all domestic wastewater facilities that provide reclaimed water to certain types of reuse activities. The schedule for sampling and reporting shall be in accordance with the permit for the facility. If a schedule for sampling or re-sampling is not included in the permit, the sampling and re-sampling shall be conducted every two years, or quarterly in accordance with the applicable Rule. If sampling is required once every five years, this report shall be submitted with the application for permit renewal.
2. Submit one copy of this form and a copy of the laboratory's final report for the analysis of *Giardia* and *Cryptosporidium* to each of the following two addresses:
 - a. The appropriate DEP district office. Addresses for the DEP district offices are available at www.dep.state.fl.us/secretary/dist/default.htm.
 - b. The DEP Water Reuse Coordinator electronically at: epost.bwfrdom@dep.state.fl.us.
3. Please type or print legibly.
4. In Part II, Items 7 through 12 need to be completed only if this is the first submittal of this report, if the information in Items 7 through 12 has changed since the last submittal, or if the information in any of these questions has not been previously provided.
5. Part III is to be used when sampling for *Giardia* and *Cryptosporidium* at the treatment plant. Part III is also to be used when sampling for *Giardia* and *Cryptosporidium* in a supplemental water supply (see Rule 62-610.472, F.A.C.).
6. For each sample, record the sample volume obtained in liters.
7. For *Giardia*, record the concentrations in cysts per 100 liters. For *Cryptosporidium*, record the concentrations in oocysts per 100 liters. Sufficient sample volumes shall be collected and processed such that the detection limit is no greater than 5 cysts or oocysts per 100 liters. Detection levels on the order of 1 cyst or oocyst per 100 liters are recommended. If an observation is less than the detection limit, make an entry in the form "<2" (where 2 per 100 liters is the detection limit in this example). The actual detection limit will be dictated by the volumes of sample obtained, filtered, and processed. Do NOT record nondetectable values as zero.
8. Rule 62-160.300, F.A.C., requires that all laboratories generating environmental data for submission to the DEP shall hold certification from the Department of Health's (DOH) Environmental Laboratory Certification Program (ELCP). Certification by the ELCP for analysis of *Giardia* and *Cryptosporidium* using EPA Method 1623.1 for non-potable waters is required. If other approved methods are used, certification by the ELCP is required for the specific method and for the test matrix. Lists of certified laboratories can be found at www.dep.state.fl.us/labs/cgi-bin/aams/index.asp

9. When sampling a supplemental water supply, obtain a grab sample for total suspended solids (TSS) that is representative of the water leaving the filters at the treatment facility during the period when pathogen samples are being obtained. In addition, record the lowest total chlorine residual observed during the period when pathogen samples are being obtained.

Part II - General Information

1. DEP wastewater facility identification number: **FL0033251**

Wastewater facility name: Altamonte Springs Regional WRF

Permittee name: Altamonte Springs, City of

2. Person completing this form:

Name: _____

Telephone: (_____) _____

Email address: _____

3. Sampling and analysis:

Date samples were taken: _____

Organization collecting the samples: _____

Was the sample dechlorinated in the field? ☐ Yes ☐ No

Was the sample refrigerated or kept on ice during shipment to the laboratory? ☐ Yes ☐ No

Date samples delivered to laboratory: _____

Date analytical work was done: _____

Laboratory doing the analysis: _____

Laboratory's DOH Identification Number: _____

Approved method used:

☐ EPA Method 1623.1

☐ Other approved method: _____

Contact person at the laboratory: _____

Email address of the lab contact person: _____

4. Is this the first time that this form has been submitted for the facility?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Question 5.]

5. Is this a report of "subsequent re-sampling" required by Item 9 in Part I of this form based on concentrations of potentially viable cysts or oocysts in a previous sampling?

☐ No [Proceed to Question 6.]

☐ Yes [Attach a description of any facility or operational changes made to the treatment facilities since the time of the previous sampling and proceed to Question 6.]

6. Has the information requested in Questions 7 through 12 (below) changed since the last submittal of this form?

☐ Yes [Please complete Questions 7 through 16.]

☐ No [Proceed to Questions 13 through 16 of Part II of this form. You do not need to complete Questions 7 through 12.]

7. Type of secondary treatment system:

☐ Conventional activated sludge

☐ Extended aeration

☐ Contact stabilization

☐ Biological nutrient removal (such as Bardenpho)

☐ Other: _____

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

9. Filter type:

☐ Deep bed, single media

☐ Deep bed, multiple media

☐ Shallow bed, automatic backwash

☐ Upflow (including Dynasand)

☐ Slow rate sand filter

☐ Diatomaceous earth filter

☐ Fabric filter

☐ Cartridge filter

☐ Membranes (microfiltration, ultrafiltration, membrane bioreactor, reverse osmosis)

☐ Other: _____

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

Top layer of media: Media type: _____

Effective size: _____ mm

Uniformity coefficient: _____

Bed depth: _____ inches

Middle layer of media: Media type: _____
Effective size: _____ mm
Uniformity coefficient: _____
Bed depth: _____ inches

Bottom layer of media: Media type: _____
Effective size: _____ mm
Uniformity coefficient: _____
Bed depth: _____ inches

11. Filter backwash water:

- ☐ Backwash water is returned to the headworks of the treatment plant.
- ☐ Backwash water is returned to the aeration basin.
- ☐ Other. Please describe: _____

12. Disinfection system:

- | | |
|--|--|
| ☐ Chlorination, gas | ☐ Hypochlorite |
| ☐ Chlorine dioxide | ☐ Chlorination, other |
| ☐ Ultraviolet | ☐ Ozone |
| ☐ Other: _____ | |

13. Is chlorine added before the filters? ☐ No ☐ Yes Dose: _____ mg/L

14. During the period that samples were taken, did you add a coagulant, coagulant aid, polyelectrolyte, or other chemical to enhance filtration?

- ☐ No
- ☐ Yes. Please list the chemicals being added and their dose.

Chemical 1 - Name: _____ Dose: _____ mg/L

Chemical 2 - Name: _____ Dose: _____ mg/L

Chemical 3 - Name: _____ Dose: _____ mg/L

15. Wastewater treatment plant permitted capacity: _____ MGD

16. Wastewater flow being treated at the time samples were collected: _____ MGD

Part III - Pathogen Monitoring Report

Permittee Name: Altamonte Springs, City of

Facility ID: FL0033251

Mailing Address: 950 Keller Rd, Altamonte Springs, Florida
32714- 1617

Date of Sampling:

Facility Address: 950 Keller Rd, Altamonte Springs, FL 32714-
1617

Facility Name: Altamonte Springs Regional WRF

Table I. Treatment Plant: After Filter

Monitoring Site No. _____

Parameter	Sample Measurement	Units
Turbidity PARM Code 00070		NTU
TSS PARM Code 00530		mg/L

Table II. Treatment Plant: After Disinfection

Monitoring Site No. _____

Volume Collected - PARM Code 71994: _____ Liters

Parameter	Sample Measurement	Units
Total Chlorine Residual PARM Code 50060		mg/L
<i>Giardia</i> , total count * PARM Code GIARD		total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR		potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT		total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCRYP		potentially viable oocysts/100 L

Table III. Supplemental Water Supply (surface water or stormwater): After Treatment & Disinfection

Monitoring Site No. _____

Volume Collected - PARM Code 71994: _____ Liters

Parameter	Sample Measurement	Units
TSS PARM Code 00530		mg/L
Total Chlorine Residual PARM Code 50060		mg/L
<i>Giardia</i> , total count * PARM Code GIARD		total cysts/100 L
<i>Giardia</i> , potentially viable cysts * PARM Code VGIAR		potentially viable cysts/100 L
<i>Cryptosporidium</i> , total count * PARM Code CRYPT		total oocysts/100 L
<i>Cryptosporidium</i> , potentially viable oocysts * PARM Code VCryp		potentially viable oocysts/100 L

* Data entries must be made for both total and potentially viable cysts and oocysts.

Part IV - Certification

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

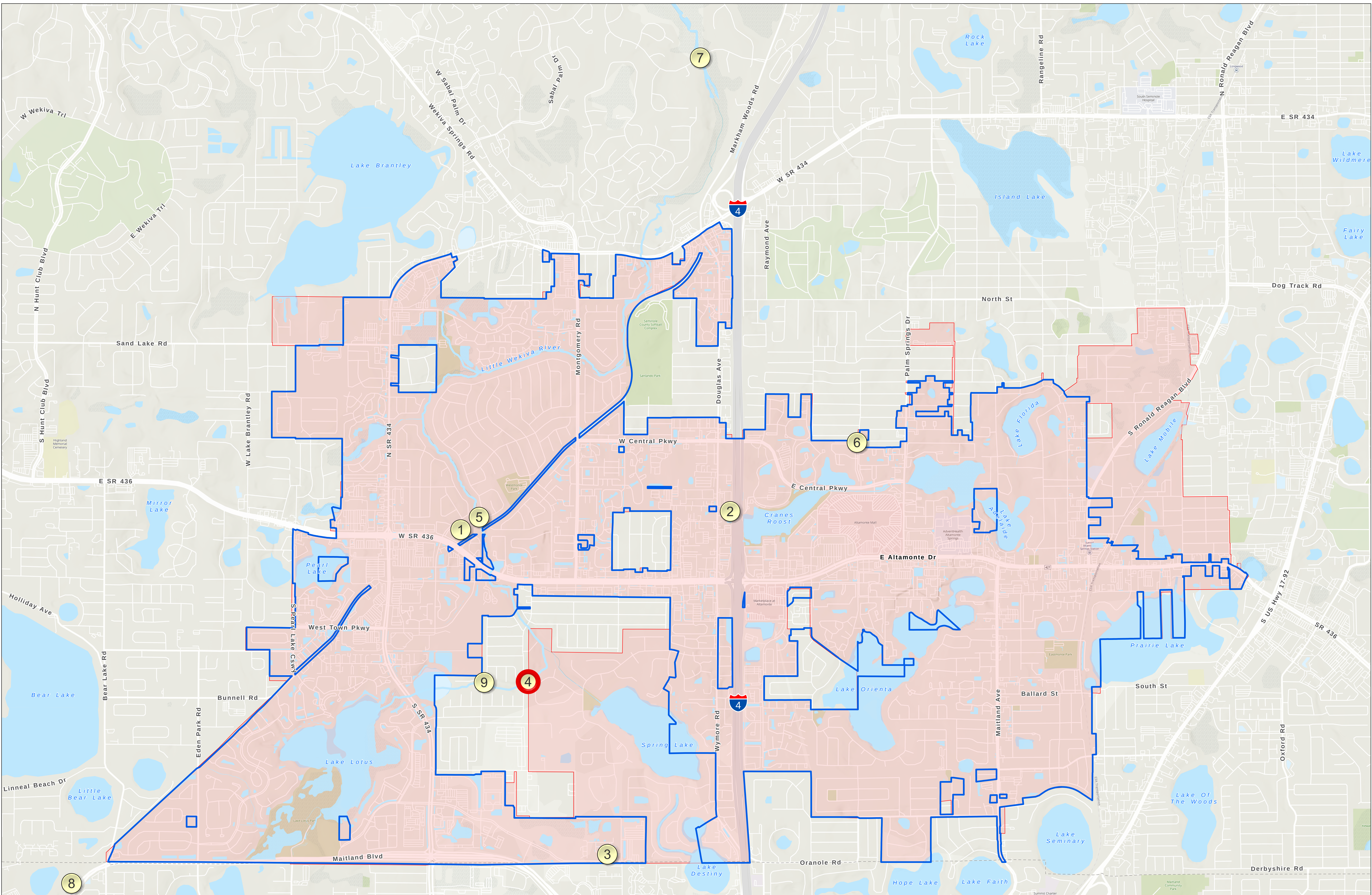
Signature of Principle Executive Officer or Authorized Agent

Name/Title of Principle Executive Officer or Authorized Agent (Type or Print)

Date (YY/MM/DD): _____

Phone: _____

Email: _____





City of Altamonte Springs

Regional WWTF Permit Compliance Sample Locations

- | | | |
|---|---|---|
|  1 Reuse Augmentation Facility (RAF) (FLW-7, EFA-2) |  4 Effluent Discharge to the Little Wekiva River (see Keller Rd WRF) |  7 Little Wekiva River at Springs Landing Blvd (SWD-1) |
|  2 Cranes Roost Pump Station (FLW-4) |  5 Stormwater Discharge to the Little Wekiva River (OTH-2) |  8 AFIRST Pressure Control Assembly (PCA) (FLW-8) |
|  3 Keller Road WRF |  6 Water Plant 3 (FLW-3) |  9 Little Wekiva River Ambient Water Quality (SWA-1) |

 Altamonte Springs City/Reclaimed Water Service Area Boundary

 Sanitary Sewer Service Area



