OGC Case No. OGC 19-0036

DEP File No.: FLA010965-008

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

In re: Lake Toho RV Resort WWTF
Petition for Variance from Rule
62-610.421(2) F.A.C.
Setback to Property Lines

#### FINAL ORDER GRANTING PETITION FOR VARIANCE

On December 18, 2018, Lake Toho RV Resort, LLC (Petitioner), filed a petition with the Florida Department of Environmental Protection (Department) requesting a section 120.542, Florida Statutes, variance from the requirements of Rule 62-610.421(2), Florida Administrative Code (F.A.C.), for its wastewater treatment facility located at 4715 Kissimmee Park Road, St. Cloud, Osceola County, Florida, 34772-7444.

- 1. Subsection 62-610.421(2), F.A.C., establishes setback requirements for areas that are irrigated with reclaimed water from a domestic wastewater treatment plant. The rule requires a 100-foot setback from the property line to the wetted area of a slow-rate restricted public access land application site (Sprayfield).
- 2. The Lake Toho RV Resort Wastewater Treatment Facility (WWTF) is permitted to discharge reclaimed water to a rapid infiltration basin (RIB) system. An unauthorized discharge of wastewater effluent from the RIBs was noted during an inspection conducted by Department personnel on June 22, 2018, and a Long-Form Consent Order (CO) has been executed to resolve the violation (OGC Case 18-1228)
- 3. The Petitioner has applied for a permit to construct and operate a new slow-rate land application system to be the primary reuse site for reclaimed water from the treatment plant. The proposed sprayfield does not meet the setback requirement to the property lines south and east of the wetted area, and the permittee has requested a variance that, if approved, would reduce the setback from 100 to 25 feet.
- 4. A Revised Permit is proposed to allow construction and operation of the new sprayfield and to incorporate the setback reductions associated with this variance.
- 5. The Petitioner has demonstrated that application of the rule would create a substantial economic hardship and that the proposed system is an improvement over the current system for the following reasons:
  - (a) The existing RIBs were in service when the current rule became effective ("grandfathered") and are within 500-feet of the potable water well; the proposed sprayfield is more than 500 feet from the well.
  - (b) The existing RIBs are the same distance from the east property line as the proposed Sprayfield, which is bordered by a ditch and road right-of-way.
  - (c) The property to the south of the Sprayfield is a vacant, unimproved parcel.
  - (d) A Groundwater Monitoring Plan (GWMP) is included in the revision and new groundwater monitoring well will be installed 100 feet west of the Sprayfield.

- 6. The purpose of the underlying statutes 403.021, 403.051, 403.061, 403.062, 403.085, 403.086, 403.087, and 403.088, Florida Statutes, is to ensure that treatment at this facility is environmentally acceptable and not a threat to public health and safety. The facility's existing RIB system is not functioning as intended, or required by Department rules; the proposed sprayfield will allow the RIBs to be cleaned, rested and rotated, thereby reducing reliance on the grandfathered system.
- 7. The Petitioner has demonstrated the purpose of the underlying statutes will be achieved through other means:
  - (a) Ground water quality standards will be met by the facility being required to meet their reclaimed water effluent limits.
  - (b) Public health will not be adversely affected because the facility will be under constant surveillance by trained operators.
  - (c) The facility will be required to maintain compliance with reclaimed water limits as a condition of the continued approval of this variance.
  - (d) Public welfare will not be adversely affected. The public will benefit by the decreased reliance on the grandfathered rapid-rate land application system.
- 8. Notice of Receipt was published in the Florida Administrative Register (FAR) on January 11, 2019. No public comments have been received.
- 9. This variance does not relieve the Petitioner from liability for harm or injury to human health or welfare, animal, or plant life, or property, or from penalties therefore; nor does it allow pollution in contravention of Florida Statutes or Department Rules.
- 10. Based on the foregoing, Petitioner has demonstrated that it meets the requirements for a variance from Florida Administrative Code Rule 62-610.421(2). The petition for variance is granted subject to the following conditions:
  - (a) The sprayfield will have a total wetted area of 28,650 SF and the annual average loading rate shall be limited to 2 inches per week but the hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water.
  - (b) The RIBs may be used for wet-weather and when the sprayfield is not in service due to maintenance or repairs but shall not be used as the primary method of reuse

#### NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the request for a variance or waiver.

#### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, telephone number, and any e-mail address of the petitioner; the name, address, telephone number, and any e-mail address 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 are or will be affected by the agency determination;
  - (c) A statement of when and how the petitioner received notice of the agency 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 that the petitioner contends warrant reversal or modification of the agency's proposed action;
  - (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency'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 that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition 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. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing must be filed within 21 days of receipt of this written notice. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. 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, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative

hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.

#### Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to 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, M.S. 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 this action is filed with the Clerk of the Department.

**DONE AND ORDERED** this 7th day of February, 2019 in Orange County, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Aaron Watkins

Director, Central District

#### 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.

cc: Suzanne Printy, Joint Administrative Procedures Committee, <u>printy.suzanne@leg.state.fl.us</u> <u>joint.admin.procedures@leg.state.fl.us</u>

Thomas McKeon, P.E., tmckeonpe@gmail.com

Bridgit Land, Lake Toho Resort, LLC, corporateoffice1216@gmail.com

FDEP: David Smicherko, Dennise Judy, Christine Daniel, Nathan Hess, Douglas Beason, Sharon Sawicki, Lea Crandall

#### **CERTIFICATE OF SERVICE**

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

February 7, 2019

Syed Shabbir Azher Rizvi

CLERK DATE



# FLORIDA DEPARTMENT OF Environmental Protection

Jeanette Nuñez Lt. Governor

Noah Valenstein

**Ron DeSantis** 

Governor

Secretary

CENTRAL DISTRICT OFFICE 3319 MAGUIRE BLVD., SUITE 232 ORLANDO, FLORIDA 32803

### STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Sent by email crisante57@aol.com

In the Matter of an Application for Permit by: Lake Toho Resort, LLC 1216 W. Washington Street Orlando, FL 32805

ATTENTION: Michael Crisante

Managing Member

Osceola County - DW Lake Toho RV Resort WWTF Wastewater Permit Application DEP File No.: FLA010965-008

#### **INTENT TO ISSUE**

The Department of Environmental Protection gives notice of its intent to issue a permit revision (copy of conditions attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Lake Toho Resort, LLC, applied on October 18, 2018, to the Department of Environmental Protection for a permit to construct a new slow-rate restricted public access land application site for the existing Lake Toho RV Resort WWTF. The facility is located at 4715 Kissimmee Park Rd., Saint Cloud, Osceola County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code. The project is not exempt from permitting procedures. The Department has determined that a wastewater permit is required for the proposed work.

Based upon the application and supplemental information, the Department has determined that the applicant has provided reasonable assurance that the above described wastewater project complies with the applicable provisions of Chapter 403 of the Florida Statutes and Title 62 of the Florida Administrative Code.

Under Section 403.815, Florida Statutes, and Rule 62-110.106, Florida Administrative Code, you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice must be published one time only within 30 days of receipt of this intent to issue in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, Florida Statutes, in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used should be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant must provide proof of publication to the Department's Central District Office, 3319 Maguire Blvd, Suite 232, Orlando, Florida 32803-3767, within two weeks of publication. Failure to publish the notice and provide proof of publication within the

allotted time may result in the denial of the permit under Rule 62-110.106(11), Florida Administrative Code.

The Department will issue the permit, unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

#### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known:
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency 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 that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency'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 that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition 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, or via electronic correspondence at Agency\_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. 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, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency Clerk@dep.state.fl.us, before the deadline for filing a petition for an

administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### **Mediation**

Mediation is not available in this proceeding.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Aaron Watkins** 

District Director, Central District 3319 Maguire Boulevard, Suite 232 Orlando, Florida 32803-3767

AW/dj

Enclosures: Draft Permit Revision

Notice of Intent

Final Order Granting Petition for Variance

#### **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:

Dennise Judy, DEP, <u>dennise.judy@dep.state.fl.us</u>

Thomas McKeon, P.E., tmckeonpe@gmail.com

David Smicherko, DEP, david.smicherko@dep.state.fl.us

Bridgit Land, Lake Toho Resort, LLC, corporateoffice1216@gmail.com

#### 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.

Syed Shabbir Azher Rizvi

February 7, 2019

Clerk

**Date** 

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue a revised permit to Lake Toho Resort, LLC (Attn: Michael Crisante, Managing Member, 1216 W. Washington Street, Orlando, FL, 32805) to construct a new slow-rate land application system adjacent to the existing Lake Toho Resort WWTF and to operate the facility. The facility is located at 4715 Kissimmee Park Road, Saint Cloud, Osceola County, Florida. The Department has assigned File Number FLA010965-008 to the project.

The intent to issue and application file are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department's Central District Office, 3319 Maguire Blvd, Suite 232, Orlando, Florida 32803-3767, at phone number (407)897-4100.

The Department will issue the permit, unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

#### Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency 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 that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency'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 that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition 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, or via electronic correspondence at Agency\_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

#### Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within **14** days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. 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, F.A.C.

#### Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency\_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

#### Mediation

Mediation is not available in this proceeding.



# FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE 3319 MAGUIRE BLVD., SUITE 232 ORLANDO, FLORIDA 32803 Ron DeSantis Governor

Jeanette Nuñez Lt. Governor

Noah Valenstein Secretary

#### STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Lake Toho Resort, LLC

**PERMIT NUMBER:** FLA010965

FILE NUMBER: FLA010965-008-DW3P EFFECTIVE DATE: November 7, 2017

1<sup>ST</sup> REVISION: Draft/TBD

**EXPIRATION DATE:** November 6, 2022

#### **RESPONSIBLE OFFICIAL:**

Michael Crisante 4715 Kissimmee Park Rd. Saint Cloud, Florida 34772-7444 (407) 892-8795

#### **FACILITY:**

Lake Toho Resort 4715 Kissimmee Park Rd. Saint Cloud, FL 34772-7444 Osceola County

Latitude: 28°11' 48.21" N Longitude: 81°22' 32.58" 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.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The abovenamed permittee is hereby authorized to construct and operate the facilities in accordance with the documents attached hereto and specifically described as follows:

#### **WASTEWATER TREATMENT:**

This an existing 0.017 million gallons per day (MGD) annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of a flow equalization, aeration, secondary clarification, chlorination and aerobic digestion of biosolids.

#### **REUSE OR DISPOSAL:**

Land Application R-001: This is an existing 0.017 MGD annual average daily flow permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of two RIBs with a total wetted area of approximately 7,200 square feet located approximately at latitude 28°11' 49" N, longitude 81°22' 31" W. The RIBs, R-001, shall be used as the secondary land application system after R-002, the sprayfield, is placed into operation, and operated in accordance with Conditions IV 2. and 3. of this permit.

**Land Application R-002:** This is a new 0.005 MGD AADF permitted capacity slow-rate restricted public access system. R-002 is a reuse system which consists of a sprayfield with a total wetted area of 28,650 SF located approximately at latitude 28°11' 49" N, longitude 81°22' 31" W.

#### PERMIT REVISION HISTORY

• 1<sup>ST</sup> Permit Revision: The permittee applied for a permit revision to construct a new sprayfield to reduce the reliance on the grandfathered RIBs on October 18, 2018. The revised permit allows construction and operation of the sprayfield, Reuse System R-002, as the primary land application system, and is issued with a Final Order Granting a Petition for Variance. The variance allows a reduced setback of 25 feet from R-002 to the south and east property lines.

**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 20 of this permit.



#### I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

#### A. 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 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.B.7.:

			Re	Reclaimed Water Limitations Mo			onitoring Requirements		
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	Notes	
Flow (To RIBs)	MGD	Max Max	0.017 Report	Annual Average Monthly Average	3 Days/Week	Meter	FLW-1	See I.A.3	
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	Monthly	Grab	EFA-1		
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	Monthly	Grab	EFA-1		
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Monthly	Grab	EFA-1	See I.A.4	
pН	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1		
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.5	
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Annually	Grab	EFA-1	See I.A.7	
Nitrogen, Total	mg/L	Max	Report	Single Sample	Annually	Grab	EFA-1	See I.A.6	
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Annually	Grab	EFA-1	See I.A.6	

2. Reclaimed water 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-1	Lift station elapsed time meters.
EFA-1	Chlorine contact tank effluent.

- 3. A meter shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- 4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. [62-600.440(5)(b)]
- 5. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.510][62-600.440(5)(c) and (6)(b)]
- 6. Monitoring for total nitrogen (TN) and total phosphorus (TP) are required as allowed by Rule 62-600.650(3) FAC, to evaluate impacts of reclaimed water to ground and surface waters in an impaired water basin. [62-600.650(3)]
- 7. Nitrate nitrogen (NO3) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. [62-610.510]]

8. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7.:

			Rec	claimed Water Limitations	M	]		
Parameter	Units	Max./Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow, To Sprayfield	MGD	Max Max	0.005 Report	Annual Average Monthly Average	3 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	FLW-1	See I.A.10
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	Monthly	Grab	EFA-1	
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	Monthly	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Monthly	Grab	EFA-1	See I.A.11
рН	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.12
Nitrogen, Total (as N)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-1	See I.A.6
Phosphorus, Total (as P)	mg/L	Max Max	Report Report	Annual Average Monthly Average	Monthly	Grab	EFA-1	See I.A.6

9. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.9. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-1	Lift station elapsed time meters.
EFA-1	Chlorine contact tank effluent.

- 10. A elapsed time measurement on pump (pump log) shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- 11. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. [62-600.440(5)(b)]
- 12. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410][62-600.440(5)(c) and (6)(b)]



#### B. 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.B.7.:

				Limitations	Mor	nitoring Requirements		
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow (Total through facility)	MGD	Max Max Max	0.017 Report Report	Annual Average Monthly Average Quarterly Average	3 Days/Week	Meter	FLW-1	See I.B.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	Annually	Grab	INF-1	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Annually	Grab	INF-1	See I.B.3

2. 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-1	Lift station elapsed time meters.
CAL-1	Calculated using FLW-1.
INF-1	Raw influent to first aeration tank.

- 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 meter shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- 5. 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 (April 26, 2006)" is available at http://www.dep.state.fl.us/labs/library/index.htm. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
  - a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
  - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
  - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality 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]

- 6. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
- 7. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. 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 <sup>th</sup> day of following month
Quarterly	January 1 - March 31	April 28
	April 1 - June 30	July 28
	July 1 - September 30	October 28
	October 1 - December 31	January 28
Semiannual	January 1 - June 30	July 28
	July 1 - December 31	January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting electronic DMR forms, 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 http://www.fldepportal.com/go/. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's Central District Office at the address specified in Permit Condition I.B.8. by the twenty-eighth (28th) of the month following the month of operation.

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

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

#### Electronic submittal is preferred, by sending to DEP CD@dep.state.fl.us.

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

Phone Number - (407)897-4100

[62-620.305]

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

#### II. BIOSOLIDS MANAGEMENT REQUIREMENTS

#### A. Basic Requirements

- 1. Biosolids generated by this facility may be transferred to Shelley's Environmental Systems 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.B.7.

			Bioso	lids Limitations	Monitoring Requirements		
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
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	Calculated (based on volume and estimated percent solids)

- 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

8. 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

- 9. 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)]
- 10. 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 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

11. 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. The permittee shall give at least 72-hour notice to the Department's Central District Office, prior to the installation of any monitoring wells. [62-520.600(6)(h)]
- 2. Before construction of new ground water monitoring wells, a soil boring shall be made at each new monitoring well location to properly determine monitoring well specifications such as well depth, screen interval, screen slot, and filter pack. [62-520.600(6)(g)]
- 3. Within 30 days after installation of a monitoring well, the permittee shall submit to the Department's Central District Office well completion reports and soil boring/lithologic logs on the attached DEP Form(s) 62-520.900(3), Monitoring Well Completion Report. [62-520.600(6)(j) and .900(3)]
- 4. All piezometers and monitoring wells not part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(5), F.A.C., unless future use is intended. [62-532.500(5)]
- 5. After well installation, but before initial discharge to R-002, the permittee shall sample the following monitoring well(s): MWC-1 for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C., (except for asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's Central District Office within 60 days after sampling. [62-520.600(5)(a)]
- 6. For the Part II land application system(s), all ground water quality criteria specified in Chapter 62-520, F.A.C., shall be met at the edge of the zone of discharge. The zone of discharge for Land Application Site R-002 shall extend horizontally 100 feet from the application site and vertically to the base of the surficial aquifer. [62-520.200(27)] [62-520.465]
- 7. The ground water minimum criteria specified in Rule 62-520.400 F.A.C., shall be met within the zone of discharge. [62-520.400 and 62-520.420(4)]
- 8. If the concentration for any constituent listed in Permit Condition III.11. in the natural background quality of the ground water is greater than the stated maximum, or in the case of pH is also less than the minimum, the representative background quality shall be the prevailing standard. [62-520.420(2)]
- 9. Upon placing the R-002 land application system in operation, the permittee shall begin sampling ground water at the new monitoring wells identified in Permit Condition III.10., below in accordance with this permit and the approved ground water monitoring plan prepared in accordance with Rule 62-520.600, F.A.C. [62-520.600] [62-610.412]
- 10. The following monitoring wells shall be sampled for Reuse System R-002 located at Land Application Site RAA-001.

Monitoring	Alternate Well Name	Latitude	Longitude				
Well ID	and/or Description of			Depth	Aquifer	Well Type	New or
	Monitoring Location			(Feet)	Monitored		Existing
MWC-1	New compliance	TBD	TBD	TBD	Surficial	Compliance	New
	monitoring well						

[62-520.600] [62-610.412]

11. The following parameters shall be analyzed for each monitoring well identified in Permit Condition III.10.:

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

Parameter	Compliance Well Limit	Units	Sample Type	Monitoring Frequency	
Turbidity	Report	NTU	Grab	Quarterly	

[62-520.600(11)(b)] [62-600.670] [62-600.650(3)] [62-520.310(5)]

- 12. Water levels shall be recorded before evacuating each well for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NAVD allowable) at a precision of plus or minus 0.01 foot. [62-520.600(11)(c)] [62-610.412(2)(c)]
- 13. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-160.210] [62-600.670(3)]
- 14. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Central District Office as being more representative of ground water conditions. [62-520.310(5)]
- 15. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10) in accordance with Permit Condition I.B.7. [62-520.600(11)(b)] [62-600.670] [62-600.680(1)] [62-620.610(18)]
- 16. If any monitoring well becomes inoperable or damaged to the extent that sampling or well integrity may be affected, the permittee shall notify the Department's Central District Office within two business days from discovery, and a detailed written report shall follow within ten days after notification to the Department. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence or request approval for replacement of the monitoring well. All monitoring well design and replacement shall be approved by the Department's Central District Office before installation. [62-520.600(6)(l)]
- 17. The permittee shall sample the following monitoring well(s): MWC-1 for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C., (except for asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's Central District Office with the application for permit renewal. Sampling shall occur no sooner than 180 days before submittal of the renewal application. [62-520.600(5)(b)]

#### IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

#### A. Part II Slow-Rate/Restricted Access System(s)

- 1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.418(1)]
- 2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414(8)]
- 3. The maximum annual average loading rate to the sprayfield shall be limited to 2 inches per week. The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. [62-610.423(3) and (4)]
- 4. The crops or vegetation shall be periodically harvested and removed from the project area. [62-610.310(3)(d) and 62-610.419(1)(b)]
- 5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. [62-610.425]
- 6. Irrigation of edible food crops is prohibited. [62-610.426]
- 7. 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)]

#### **B.** Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]

- 2. The maximum annual average loading rate to the RIBs shall be limited to 3.79 inches per day (as applied to the entire bottom area) and restricted as needed to prevent seepage or other unauthorized discharge. [62-610.523(3)]
- 3. The RIBs normally shall be loaded for 7 days and shall be rested for 7 days; the cycle shall be modified as needed to allow adequate maintenance of the RIB. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. [62-610.523(4); 62-610.523(6) and (7)]
- 4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]
- 5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
- 6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

#### 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 III, Class D facility and, at a minimum, operators with appropriate certification must be on the site as follows:
  - A Class D or higher operator for 3 visits/week on nonconsecutive days for a total of 1 1/2 hours/week. The lead/chief operator must be a Class D operator, or higher.
- 2. 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. Daily checks of the plant shall be performed by the permittee or his representative or agent 5 days per week. [62-699.311(1) and (2)]

#### 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 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 the permit for at least three years from the date the report was prepared;

c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

- d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of any required record drawings;
- 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, 62-602.650, 62-640.650(4)]

#### VI. SCHEDULES

- 1. This permit is issued with a Consent Order that includes a schedule for returning to compliance by completing and placing Reuse System R-002 into operation. Compliance with the CO is required.
- 2. Prior to placing the modifications to existing facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. [62-620.410(7) and 62-620.630(2)]
- 3. Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-620, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.410(6) and 62-620.630(7)]
- 4. 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.

[62-620.335(1) - (4)]

#### VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility is not required to have a pretreatment program at this time. [62-625.500]

#### 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 treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(5) and 62-640.400(6)]
- 3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
- 4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
- 5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
  - a. Which may cause fire or explosion hazards; or
  - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
  - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
  - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
  - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

[62-604.130(5)]

- 6. 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. [62-610.418(1); 62-610.518(1); and 62-600.400(2)(b)]
- 7. 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)]
- 8. 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)]
- 9. 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)]

- 10. The permittee shall provide notice to the Department of the following:
  - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
  - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued

Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

#### IX. GENERAL CONDITIONS

- 1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. [62-620.610(1)]
- 2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. [62-620.610(2)]
- 3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. [62-620.610(3)]
- 4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. [62-620.610(4)]
- 5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [62-620.610(5)]
- 6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
- 7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]

- 9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
  - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
  - b. Have access to and copy any records that shall be kept under the conditions of this permit;
  - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
  - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

[62-620.610(9)]

- 10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, 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)]
- 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)]

- 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's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
  - a. The following shall be included as information which must be reported within 24 hours under this condition:
    - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,

(2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,

- (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
- (4) Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
  - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State 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.
  - (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Central District Office 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's Central District Office shall waive the written report.

[62-620.610(20)]

- 21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., 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.

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

DRAFT

Aaron Watkins
Director, Central District

PERMIT ISSUANCE DATE:

Attachment(s):
Discharge Monitoring Report
Monitor Well Completion Report

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

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767 PERMITTEE NAME: Lake Toho Resort, LLC PERMIT NUMBER: FLA010965-008-DW3P MAILING ADDRESS: 4715 Kissimmee Park Rd Saint Cloud, Florida 34772-7444 Final REPORT FREOUENCY: LIMIT: Monthly CLASS SIZE: PROGRAM: N/A Domestic MONITORING GROUP NUMBER: R-001 FACILITY: Lake Toho Resort LOCATION: 4715 Kissimmee Park Rd MONITORING GROUP DESCRIPTION: two (2) rapid infiltration basins Saint Cloud, FL 34772-7444 RE-SUBMITTED DMR:

NO DISCHARGE FROM SITE: 

COUNTY: Osceola MONITORING PERIOD From: To:

OFFICE: Central District

Parameter		Quantity o	r Loading	Units	Q	uality or Concentration	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (To RIBs)	Sample Measurement										
PARM Code 50050 Y	Permit		0.017	MGD						3 Days/Week	Meter
Mon. Site No. FLW-1	Requirement		(An.Avg.)								
Flow (To RIBs)	Sample Measurement										
PARM Code 50050 1	Permit		Report	MGD						3 Days/Week	Meter
Mon. Site No. FLW-1	Requirement		(Mo.Avg.)								
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y	Permit					20.0		mg/L		Monthly	Grab
Mon. Site No. EFA-1	Requirement					(An.Avg.)				•	
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A	Permit				60.0	45.0	30.0	mg/L		Monthly	Grab
Mon. Site No. EFA-1	Requirement				(Max.)	(Max.Wk.Avg.)	(Mo.Avg.)				
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y	Permit				-	20.0		mg/L		Monthly	Grab
Mon. Site No. EFA-1	Requirement					(An.Avg.)					
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Monthly	Grab

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

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

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

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

FACILITY: Lake Toho Resort MONITORING GROUP R-001 PERMIT NUMBER: FLA010965-008-DW3P 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. EFA-1	Permit Requirement					200 (An.Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement					(11111119.)					
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement					200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Monthly	Grab
рН	Sample Measurement						,				
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		3 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		3 Days/Week	Grab

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

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767 PERMITTEE NAME: Lake Toho Resort, LLC PERMIT NUMBER: FLA010965-008-DW3P MAILING ADDRESS: 4715 Kissimmee Park Rd Saint Cloud, Florida 34772-7444 Final REPORT FREOUENCY: LIMIT: Annually CLASS SIZE: PROGRAM: N/A Domestic MONITORING GROUP NUMBER: R-001 FACILITY: Lake Toho Resort LOCATION: 4715 Kissimmee Park Rd MONITORING GROUP DESCRIPTION: two (2) rapid infiltration basins Saint Cloud, FL 34772-7444 RE-SUBMITTED DMR: NO DISCHARGE FROM SITE: COUNTY: Osceola MONITORING PERIOD From: To: OFFICE: Central District Units No Fraguency of Cample Type

Parameter						uality or Concentrati	ion	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement						12.0 (Max.)	mg/L		Annually	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement						Report (Max.)	mg/L		Annually	Grab

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

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

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

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

From:

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767 Lake Toho Resort, LLC PERMIT NUMBER: PERMITTEE NAME: FLA010965-008-DW3P MAILING ADDRESS: 4715 Kissimmee Park Rd Saint Cloud, Florida 34772-7444 Final REPORT FREOUENCY: LIMIT: Monthly CLASS SIZE: PROGRAM: N/A Domestic MONITORING GROUP NUMBER: R-002 FACILITY: Lake Toho Resort LOCATION: 4715 Kissimmee Park Rd MONITORING GROUP DESCRIPTION: Sprayfield with a total wetted area of 28,650 square feet, with Influent Saint Cloud, FL 34772-7444 RE-SUBMITTED DMR: NO DISCHARGE FROM SITE:

MONITORING PERIOD

Parameter		Quantity or Loading U		Units	Q	uality or Concentration	on	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement		0.005 (An.Avg.)	MGD						3 Days/Week	Elapsed Time Measurement on Pump
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement		Report (Mo.Avg.)	MGD						3 Days/Week	Elapsed Time Measurement on Pump
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement					20.0 (An.Avg.)		mg/L		Monthly	Grab
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		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement					20.0 (An.Avg.)		mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement				60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Monthly	Grab

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

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

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

COUNTY:

OFFICE:

Osceola

Central District

\_ To: \_\_\_\_\_

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

FACILITY: Lake Toho Resort MONITORING GROUP

R-002

PERMIT NUMBER: FLA010965-008-DW3P

NUMBER:

MONITORING PERIOD

From: \_\_\_\_\_ To: \_\_\_\_

Parameter		Quantity or Loading		Units	(	Quality or Concentration	on	Units	No. Ex.		Sample Type
Coliform, Fecal	Sample Measurement									•	
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement					200 (An.Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement					(Mi.Pivg.)					
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement					200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Monthly	Grab
рН	Sample Measurement										
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		3 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement										
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/L		3 Days/Week	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Y Mon. Site No. EFA-1	Permit Requirement					Report (An.Avg.)		mg/L		Monthly	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. EFA-1	Permit Requirement					Report (An.Avg.)		mg/L		Monthly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	Grab
Flow (Total through facility)	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-1	Permit Requirement		0.017 (An.Avg.)	MGD						3 Days/Week	Meter
Flow (Total through facility)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-1	Permit Requirement	Report (Qt.Avg.)	Report (Mo.Avg.)	MGD						3 Days/Week	Meter

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

From: \_\_\_\_\_

FACILITY: Lake Toho Resort MONITORING GROUP R-002 PERMIT NUMBER: FLA010965-008-DW3P NUMBER: MONITORING PERIOD

Parameter		Quantity of	or Loading	Loading Units Quality or Concentration				Units	No. Ex.	Frequency of Analysis	Sample Type
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 P Mon. Site No. CAL-1	Permit Requirement						Report (Mo.Avg.)	percent		Monthly	Calculated

To: \_\_\_\_\_

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

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767 PERMITTEE NAME: Lake Toho Resort, LLC PERMIT NUMBER: FLA010965-008-DW3P MAILING ADDRESS: 4715 Kissimmee Park Rd Saint Cloud, Florida 34772-7444 Final REPORT FREOUENCY: LIMIT: Annually CLASS SIZE: PROGRAM: N/A Domestic MONITORING GROUP NUMBER: R-002 FACILITY: Lake Toho Resort LOCATION: 4715 Kissimmee Park Rd MONITORING GROUP DESCRIPTION: Sprayfield with a total wetted area of 28,650 square feet, with Influent Saint Cloud, FL 34772-7444 RE-SUBMITTED DMR: NO DISCHARGE FROM SITE: \_\_\_\_\_ To: COUNTY: Osceola MONITORING PERIOD From: OFFICE: Central District

Parameter		Quantity or Loading		Units	Units Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Annually	Grab
	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Annually	Grab

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

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

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

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

When Completed submit this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767 PERMITTEE NAME: Lake Toho Resort, LLC PERMIT NUMBER: FLA010965-008-DW3P MAILING ADDRESS: 4715 Kissimmee Park Rd Saint Cloud, Florida 34772-7444 Final REPORT FREOUENCY: LIMIT: Monthly CLASS SIZE: N/A PROGRAM: Domestic MONITORING GROUP NUMBER: RMP-O FACILITY: Lake Toho Resort Biosolids Quantity LOCATION: 4715 Kissimmee Park Rd MONITORING GROUP DESCRIPTION: Saint Cloud, FL 34772-7444 RE-SUBMITTED DMR: NO DISCHARGE FROM SITE: COUNTY: Osceola MONITORING PERIOD From: To: OFFICE: Central District

Parameter		Quantity or Loading		Units	Qı	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						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement		Report (Mo.Total)	dry tons						Monthly	Calculated

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):

Permit Monito	Number: ring Period	FLA010965- From:	.008-DW3P	To:	:		Facility: I	ake Toho Resort		
	BOD, Carbonaceou s 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Total mg/L	Phosphorus, Total (as P) mg/L	Solids, Total Suspended mg/L	pH s.u.	Flow MGD		
Code	80082	50060	74055	00600	00665	00530	00400	50050		
on. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1		
1										
2										
3										
4										
5										
6										
7										
9										
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21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
Total										
o. 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:		

#### **GROUNDWATER MONITORING REPORT - PART D**

Facility Name: Permit Number: County:	Lake Toho Resort FLA010965-008-1 Osceola					We	onitoring Well ID: ell Type: scription:	MWC-1 Compliance New compliance	Report Frequency Program:	y: Quarterly Domestic	
Office:	Central District					Re	-submitted DMR:	monitoring well			
Monitoring Period		From	:	To: _		Da	te Sample Obtained:				
						Tiı	ne Sample Obtained:				
Was the well purged be	efore sampling?	Y	es No								
Param	eter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Frequency of Analysis	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to	NGVD	82545		Report	ft	In Situ	Quarterly				
Nitrogen, Nitrate, Total	(as N)	00620		10	mg/L	Grab	Quarterly				
Solids, Total Dissolved	(TDS)	70295		500	mg/L	Grab	Quarterly				
Chloride (as Cl)		00940		250	mg/L	Grab	Quarterly				
II			l					1		1	

Grab

In Situ

Grab

Quarterly

Quarterly

Quarterly

#/100mL

s.u.

NTU

6.5-8.5

Report

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)

COMMENTS AND EXPLANATION (Reference all attachments here):

Coliform, Fecal

Turbidity

74055

00400

00070

#### 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 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 discharge 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 flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

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

**CBOD<sub>5</sub>**: Enter the average CBOD<sub>5</sub> of the reclaimed water discharged during the period shown in duration of discharge.

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

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

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

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

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

### STATEMENT OF BASIS FOR STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FLA010965-008 FACILITY NAME: Lake Toho Resort

FACILITY LOCATION: 4715 Kissimmee Park Rd., Saint Cloud, FL 34772-7444

Osceola County

NAME OF PERMITTEE: Lake Toho Resort, LLC

PERMIT WRITER: Dennise Judy

#### 1. SUMMARY OF APPLICATION

#### a. <u>Chronology of Application</u>

Application Number: FLA010965-008-DW3P
Application Submittal Date: October 18, 2018

#### b. Type of Facility

Domestic Wastewater Treatment Plant Ownership Type: Private SIC Code: 4952

#### c. Facility Capacity

Existing Permitted Capacity:

Proposed Increase in Permitted Capacity:

On MGD Annual Average Daily Flow

#### d. <u>Description of Wastewater Treatment</u>

An existing 0.017 million gallon per day (MGD) annual average daily flow (AADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of a flow equalization, aeration, secondary clarification, chlorination and aerobic digestion of biosolids.

#### e. <u>Description of Effluent Disposal and Land Application Sites (as reported by applicant)</u>

**Land Application R-001:** An existing 0.017 MGD annual average daily flow permitted capacity rapid infiltration basin (RIB) system. R-001 is a reuse system which consists of two RIBs with a total wetted area of approximately 7,200 square feet located approximately at latitude 28°11' 49" N, longitude 81°22' 31" W.

**Land Application R-002:** A new 0.005 MGD AADF permitted capacity slow-rate restricted public access system. R-002 is a reuse system which consists of sprayfield with a total wetted area of 28,650 SF located approximately at latitude 28°11' 49" N, longitude 81°22' 31" W. A reduced setback of 25 feet to the south and east property lines is authorized by the Final Order Granting Petition for the Variance.

#### 2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

#### 3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a rapid infiltration basin system, based on the following:

Parameter	Units	Max/	Limit	Statistical Basis	Rationale
		Min			
Flow (To RIBs)	MGD	Max	0.017	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
	MGD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous		Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(a)1. FAC
5 day, 20C	α/I	Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(a)2. FAC
	mg/L	Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(a)4. FAC
Solids, Total		Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(b)1. FAC
Suspended	/I	Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(b)2. FAC
	mg/L	Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(b)4. FAC
Coliform, Fecal		Max	200	Monthly	62-610.510 & 62-600.440(5)(a)2. FAC
	#/100mL			Geometric Mean	
	#/100IIIL	Max	200	Annual Average	62-610.510 & 62-600.440(5)(a)1. FAC
		Max	800	Single Sample	62-610.510 & 62-600.440(5)(a)4. FAC
pН	a 11	Min	6.0	Single Sample	62-600.445 FAC
	s.u.	Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total		Min	0.5	Single Sample	62-610.510 & 62-600.440(5)(c) FAC
Residual (For	mg/L				
Disinfection)					
Nitrogen, Nitrate,	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC
Total (as N)					
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.650(3) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.650(3) FAC

This facility is authorized to direct reclaimed water to Reuse System R-002, a slow-rate/restricted public access system, based on the following:

Parameter	Units	Max/	Limit	Statistical Basis	Rationale
		Min			
Flow	MGD	Max	0.005	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
	MOD	Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous		Max	20.0	Annual Average	62-610.410 & 62-600.420(3)(a)1. FAC
5 day, 20C	ma/I	Max	30.0	Monthly Average	62-610.410 & 62-600.420(3)(a)2. FAC
	mg/L	Max	45.0	Weekly Average	62-610.410 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.410 & 62-600.420(3)(a)4. FAC
Solids, Total		Max	20.0	Annual Average	62-610.410 & 62-600.420(3)(b)1. FAC
Suspended	m ∝/I	Max	30.0	Monthly Average	62-610.410 & 62-600.420(3)(b)2. FAC
	mg/L	Max	45.0	Weekly Average	62-610.410 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.410 & 62-600.420(3)(b)4. FAC
Coliform, Fecal		Max	200	Monthly	62-610.410 & 62-600.440(5)(a)2. FAC
	#/100mL			Geometric Mean	
	#/100IIIL	Max	200	Annual Average	62-610.410 & 62-600.440(5)(a)1. FAC
		Max	800	Single Sample	62-610.410 & 62-600.440(5)(a)4. FAC
pН	C 11	Min	6.0	Single Sample	62-600.445 FAC
	s.u.	Max	8.5	Single Sample	62-600.445 FAC

Parameter	Units	Max/	Limit	Statistical Basis	Rationale
		Min			
Chlorine, Total		Min	0.5	Single Sample	62-610.410 & 62-600.440(5)(c) FAC
Residual (For	mg/L				
Disinfection)					
Nitrogen, Total		Max	Report	Annual Average	62-600.650(3) FAC
	mg/L	Max	Report	Monthly Average	62-600.650(3) FAC
Phosphorus, Total	m α/I	Max	Report	Annual Average	62-600.650(3) FAC
(as P)	mg/L	Max	Report	Monthly Average	62-600.650(3) FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/	Limit	Statistical Basis	Rationale
		Min			
Flow (Total through	MGD	Max	0.017	Annual Average	62-600.700(2)(b) FAC
facility)		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. <u>DISCUSSION OF CHANGES TO PERMIT LIMITATIONS</u>

The current wastewater permit for this facility FLA010965-008-DW3P expires on November 6, 2022. This revised permit includes a new sprayfield to reduce the loading to the existing RIBs, which have experienced significant seepage resulting in a Consent Order to resolve the problems with the land application system.

#### 5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Shelley's Environmental Systems 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

#### 6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 600, 610, and 620, F.A.C.

Under the grandfathered rules, this facility did not have a Groundwater Monitoring Plan (GWMP) in place. With the addition of the sprayfield (R-002) to the facility, a new GWMP with the quarterly monitoring is being established per above rule(s).

The new GWMP will be implemented as below;

One compliance well MWC-1.

The existing Ground Water Monitoring Plan does not have a background well, because there were no suitable background locations on the reuse site and the facility is only 0.017 mgd AADF.

The groundwater monitoring frequency will be quarterly for the first permit period.

Parameters Arsenic, Cadmium, Chromium, Sulfate and Lead are currently not included in the Ground Water Monitoring Plan (GWMP) because they are not believed to be present in the effluent. However, if the Department has any reason in the future to believe that these metals are present in the effluent, they will be added to the Ground Water Monitoring Plan sampling list.

Within 30 days after installation of the monitoring well, well completion reports and soil boring/lithologic logs shall be sent to the Department's District office. The information is to be submitted for each well on DEP Form 62-520.900(3), Monitoring Well Completion Report, incorporated herein and listed in Rule 62-520.900, F.A.C.

Using the information on direction of movement of the applied reclaimed water, a well is to be installed within 100 feet of the wetted edge of the site. This well will need to be sampled prior to land application of the reclaimed water from the WWTF. (Rules 62-610.412, 62-520.600, F.A.C.)

The permittee shall sample the following monitoring well(s): MWC-1 for the primary and secondary drinking water parameters included in Rules 62-550.310 and 62-550.320, F.A.C., (except for asbestos and all parameters in Table 5 of Chapter 62-550, F.A.C., other than Di(2-ethylhexyl) adipate and Di(2-ethylhexyl) phthalate). Results of this sampling shall be submitted to the Department's Central District Office with the application for permit renewal. Sampling shall occur no sooner than 180 days before submittal of the renewal application. [62-520.600(5)(b)]

#### 7. PERMIT SCHEDULES

A condition is included in the wastewater permit to comply with the schedule in the Consent Order, CO-18-1228.

#### 8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

#### 9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This facility has entered into CO-18-1228, executed 12/10/2018, with the Department, which includes a schedule of compliance to eliminate seepage from the RIBs.

#### 10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

A Chapter 120 Variance has been approved to reduce the setbacks from the proposed sprayfield to the property lines on the south and east sides to 25 feet.

#### 11. 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 in the State's Oculus e-file management system.

#### 12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Intent to Issue February 7, 2019

Notice of Permit Issuance TBD

#### 13. <u>DEP CONTACT</u>

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

Dennise Judy <u>Dennise.judy@dep.state.fl.us</u>

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

Telephone No.: 407-897-4154