

State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BLVD • TALLAHASSEE, FLORIDA 32399-0850

RECEIVED-FPSC

JUL 27 PM 1:34

-M-E-M-O-R-A-N-D-U-M-

COMMISSION
CLERK

DATE: July 27, 2011
TO: Ann Cole, Commission Clerk, Office of Commission Clerk
FROM: Robert Simpson, Engineering Specialist II, Division of Economic Regulation *RS*
RE: Docket No. 110130-WS; Application for staff-assisted rate case in Lake County by Shangri-La By The Lake Utilities, Inc.

Attached are responses from the Utility regarding the June 8, 2011 letter which requested engineering information from Shangri-La By the Lake Utilities, Inc. Please place the attached documents in the docket file.

Should you have any questions, regarding this matter, please contact me.

Attachments

DOCUMENT NUMBER-DATE

05220 JUL 27 =

FPSC-COMMISSION CLERK

COMMISSIONERS:
ART GRAHAM, CHAIRMAN
LISA POLAK EDGAR
RONALD A. BRISÉ
EDUARDO E. BALBIS
JULIE I. BROWN

STATE OF FLORIDA



MARSHALL WILLIS, DIRECTOR
DIVISION OF ECONOMIC REGULATION
(850) 413-6900

Public Service Commission

June 8, 2011

RECEIVED-FPSC
11 JUN -9 PM 4:37
COMMISSION
CLERK

Shangri-La By the Lake Utilities, Inc.
Attn: Jay R. Werner
1214 W IL Route 72
Leaf River, IL 61047

Re: Docket No. 110130-WS; Application for staff-assisted rate case in Lake County by Shangri-La by the Lake Utilities, Inc.

Dear Werner:

This letter is to confirm my telephone conversation with you regarding my planned engineering field investigation on July 21, 2011. In order to ensure fast, expedient treatment of your rate case, please have the following information submitted to the Commission on or before July 12, 2011.

1. A copy of all Department of Environmental Protection (DEP) Permits.
2. A copy of all Discharge Monitoring Reports filed with the DEP for the period beginning in April 1, 2010 through May 2011.
3. A copy of Monthly Operating Reports filed with the DEP for the period beginning in April 1, 2010 through May 2011.
4. A copy of all wastewater treatment plant flow measuring device calibration reports for the past three years.
5. A copy of all water treatment plant flow measuring device calibration reports for the past three years.
6. A copy of all correspondence, inspection reports, notices of violation, or consent orders from DEP in the past three years.
7. A schedule showing the amount of water sold each month from April 2010 through May 2011.
8. A list of all customer complaints received during the past three years and an explanation of how each was resolved.

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Internet E-mail: contact@psc.state.fl.us

DOCUMENT NO. DATE


04006-11 6/9/11
FPSC - COMMISSION CLERK

9. A description of all assets (land, treatment facilities, pumps, storage tanks, water distribution system, collection systems, and lift stations) owned by the utility.
10. A map showing the location and size of the water distribution system throughout the service area. The location of all existing customers (residential and general service), and the location of all vacant lots.
11. A description of any planned or future expansion of your service area.
12. A map showing the location and size of the wastewater collection system throughout the service area. The location of all existing customers (residential and general service), and the location of all vacant lots.
13. A description of any plant additions or repairs that have been made in the past year along with the cost and reason for the addition or repair. If the additions or repairs are in response to a DEP or health department compliance requirement, provide a copy of the supporting documentation.
14. A description of any plant additions or repairs that are expected to be made in the next year, along with the estimated cost and reason for the addition or repair. The cost should include at least 2 bids to support the addition or repair. If the additions or repairs are in response to a DEP or health department compliance requirement, provide a copy of the supporting documentation.
15. A list of all general service customers and their type of businesses.

Please submit the following information on or before July 12, 2011, to the Office of Commission Clerk, Docket No. 110130-WS, Florida Public Service Commission, 2540 Shumard Oak Blvd., Tallahassee, Florida 32399-0850.

On July 21, 2011, I will inspect the water and wastewater treatment plants, the water distribution and collection systems, and the general service area. Please have someone (lead operator, chief maintenance person, or an assigned person with access to the plants) available for this tour. If you have any questions, do not hesitate to contact me at (850) 413-7001.

Sincerely,



Robert Simpson
Engineering Specialist
Bureau of Certification, Economics & Tariff.

RS:

Cc: Division of Economic Regulation (Hudson, Fletcher, Maurey, Daniel)
Office of General Counsel (Harris)
Martin S. Friedman
Office of Commission Clerk

Shangri-La By The Lake Utilities, Inc.

Business Manager:
Jay E. Werner
1214 West Route 72
Leaf River, IL 61047
(815) 738-2508
telephone & fax
e-mail: jaylaura6@msn.com

Site Manager:
Andrew Werner
100 Shangri-La Blvd.
Leesburg, FL 34788
(800) 682-7744
telephone & fax
July 7, 2011

Florida Public Service Commission
Bureau of Certification, Economics
Attn: Robert Simpson
Capital Circle Office Center
2540 Shumard Oak Blvd.
Tallahassee, Fl. 32399-0850

Via UPS Next Day Delivery

Re: Docket No. 110130-WS

Dear Mr. Simpson:

We have compiled the requested information to the best of our ability. We have not diligently kept our records in order. I asked the DEP and our engineer to help us produce some of the requests. Some of the requests we only have partial information on. #1 we cannot find our permit for water from the DEP; we do have the one issued from St. Johns Water Management District. #9 we have a lot of undetermined water and sewer lines. We have asked the Florida Rural Water Association to help us, and we would appreciate if the PSC could guide us on this requirement. And #13 I don't think we had any DEP non-compliance repair issues. It seems that some of the DEP letter referenced dates may be off by a year.

These items we do not have any files on: #5 we haven't checked this meter in about 5 years. #8 we have a small service area, no formal office, and Andrew is usually in the area all day. Also Andrew lives close by and everyone has his phone number. Complaints come to us verbally and we answer them when they come in. And #11 we don't plan to expand our service area.

If there is more information required, or better explanations needed, please contact me. Phone numbers are 815-738-2508 house, fax, and answering machine; 815-708-3342 mobile; or e-mail jaylaura6@msn.com.

Sincerely,



Jay E. Werner

Enclosures

/



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

October 31, 2006

Paul Buchanan
129 Lakeshore Drive
Leesburg, Florida 34748

Attention: Paul Buchanan, Trustee

Lake County - PW
Shangri-La-By-The-Lake
Eagles Point Subdivision Phase 2

Dear Mr. Buchanan:

This acknowledges receipt of certification that the subject water distribution system extension has been completed in accordance with the plans and related materials permitted by this agency on Permit Number WD35-0080550-005 dated August 15, 2006 and that the system has passed the pressure and bacteriological tests that were conducted in accordance with the AWWA Standards.

Based on this certification and satisfactory bacteriological results, we are clearing the system for service.

The responsibility for the microbiological quality of the water at the time it ultimately reaches the consumer's meter remains entirely with the utility and/or the owner/operator of the system who should ensure that this quality remains as represented by the bacteriological test results presented. This letter of clearance does not preclude the need for obtaining acceptance by other entities as may be required.

Sincerely,

Kyle M. Kubanek, E.I.
Engineer III
Drinking Water Permitting

KMK

cc: Kevin L. Atchley, P.E.
Andrew Werner
DEP Compliance/Enforcement

3523600496@fax1.dep.state.fl.us; 3525897744@fax1.dep.state.fl.us; kevin@wallingengineering.com



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen M. Castille
Secretary

Notification of Use of General Permit

SENT BY E-MAIL

Permittee: Paul Buchanan

Utility: Shangri-La-By-The-Lake

Engineer: Kevin L. Atchley, P.E., Walling Engineering, Inc.

Permit Number: WD35-0080550-005

Project Name: Eagles Point Subdivision Phase 2

County: Lake

Location: Forest Lake Road 0.7 miles south of County Road 44

Project Description: 24 lot residential subdivision

To the Permittee: Paul Buchanan

In response to your request, this document is to advise you that the Department has received your notice of intent to use a general permit as provided in Chapter 62-555, Florida Administrative Code (*F.A.C.*), to construct a water distribution system extension and is not at this time objecting to your use of such general permit. Please be advised that you are required to abide by all conditions in Chapters 62-4, 62-550, 62-555, the general requirements for general permits, and Rule 62-555.405, *F.A.C.*

A LETTER OF CLEARANCE MUST BE ISSUED BY THE DEPARTMENT PRIOR TO PLACEMENT OF THIS PROJECT INTO SERVICE. FAILURE TO DO SO WILL RESULT IN THE PERMITTEE BEING SUBJECT TO APPROPRIATE ENFORCEMENT ACTION.

To obtain the clearance letter, the engineer-of-record must submit a "Request for Letter of Release to Place Water Supply System into Service" [DEP Form 62-555.900(9), *F.A.C.*] (attached), a copy of this letter and satisfactory bacteriological test results (with chlorine residuals indicated) taken on two consecutive days from the following locations:

- a. the point of connection to the existing main
- b. lots 4 and 15

Water sample forms must indicate specific recommended sample locations and file number above. Permit expiration date is 5 years from the date of issuance.

Richard S. Lott, P.G., P.E.
Manager – Drinking Water Program

Date: August 15, 2006

RSL/kmk

3523600496@fax1.dep.state.fl.us; 3525897744@fax1.dep.state.fl.us; kevin@wallingengineering.com



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen Castille
Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

7005 0390 0002 0084 3777

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

ATTENTION ANDREW R WARNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF

Enclosed is Permit Number FLA010521 to operate a domestic wastewater facility issued under Section(s) 403.087 and 403.0885 of the Florida Statutes.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

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

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. 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 of the Florida Administrative Code.

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

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by rule 28-106.301.

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

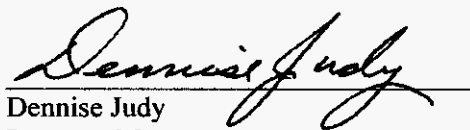
Mediation under section 120.573 of the Florida Statutes is not available for this proceeding.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

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

Executed in Orlando, Florida.

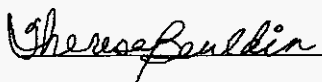
STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Dennise Judy
Program Manager
Domestic Waste
3319 Maguire Boulevard, Suite 232
Orlando, FL 32803-3767
Phone: (407) 894-7555

Date: September 19, 2006

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



Clerk

September 22, 2006
Date

DJ/aet/cs/ply

Enclosures: Permit and DMR

Copies furnished to:

Compliance Section (via e-mail)

Groundwater Section (via e-mail)

Lake County Water Resource Management (via e-mail: mbowers@co.lake.fl.us)

Kenneth Wicks, P.E. (via e-mail: admin@wicksconsulting.com)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before close of
business on September 22, 2006 to the listed persons, by _____.



Department of Environmental Protection

Jeb Bush
Governor

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

Colleen Castille
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER:

FLA010521

PA FILE NUMBER:

FLA010521-003-DW3P

ISSUANCE DATE:

September 22, 2006

EXPIRATION DATE:

September 12, 2011

RESPONSIBLE AUTHORITY:

Mr. Andrew R. Werner
Manager
100 Shangri-La Boulevard
Leesburg, FL 34788

(352) 589-7744

FACILITY:

Shangri-La By The Lake WWTF
100 Shangri-La Boulevard
Leesburg, FL 34788
Lake County
Latitude: 28° 51' 38" N Longitude: 81° 45' 29" W

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

TREATMENT FACILITIES:

An existing 0.050 million gallon per day (mgd) annual average daily flow (AADF) permitted capacity step aeration activated sludge domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination and aerobic digestion of residuals.

REUSE:

Land Application: An existing 0.050 MGD AADF permitted capacity slow-rate restricted public access system (R-001). R-001 consists of a sprayfield with a total wetted area of 3.2 acres having a capacity of 0.050 MGD located approximately at latitude 28° 51' 38" N, longitude 81° 45' 29" W. There is a 0.080 acre backup rapid infiltration basin for wet weather conditions with a permit capacity of 0.013 mgd located approximately at latitude 81° 51' 38" N, longitude 81° 45' 29" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in Pages 1 through 13 of this permit.

FACILITY: Shangri-La By The Lake WWTF
 PERMITTEE: Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER: FLA010521
 EXPIRATION DATE: September 12, 2011

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to use Reclaimed Water System **R-001 (Sprayfield + backup RIB)**. Such reclaimed water shall be limited and monitored by the permittee as specified with condition I.B.6:

			Reclaimed Water Limitations				Monitoring Requirements	
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type
Flow (Total Flow) ¹	MGD	Maximum	0.050	-	-	-	5 Days/Week	Meter
Flow (Backup RIB) ²	MGD	Maximum	0.013	-	-	-	5 Days/Week	Meter
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	20.0	30.0	45.0	60.0	Monthly	Grab
Solids, Total Suspended	MG/L	Maximum	20.0	30.0	45.0	60.0	Monthly	Grab
pH	SU	Range	-	-	-	6.0 to 8.5	5 Days/Week	Grab
Coliform, Fecal	#/100 ML	Maximum	See Permit Condition I.A. 4.				Monthly	Grab
Total Residual Chlorine (For Disinfection)	MG/L	Minimum	-	-	-	0.5	5 Days/Week	Grab

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

FACILITY: Shangri-La By The Lake WWTF
PERMITTEE: Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER: FLA010521
EXPIRATION DATE: September 12, 2011

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

Monitoring Location Site Number	Description of Monitoring Location
EFA-1	Chlorine contact chamber effluent
FLW-1	Effluent flow meters

3. Flow meter shall be utilized to measure flow and calibrated at least annually. *[62-601.200(17) and .500(6)]*
4. The arithmetic mean of the monthly fecal coliform values collected during an annual period shall not exceed 200 per 100 mL of reclaimed water sample. The geometric mean of the fecal coliform values for a minimum of 10 samples of reclaimed water, each collected on a separate day during a period of 30 consecutive days (monthly), shall not exceed 200 per 100 mL of sample. No more than 10 percent of the samples collected (the 90th percentile value) during a period of 30 consecutive days shall exceed 400 fecal coliform values per 100 mL of sample. Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample. Note: To report the 90th percentile value, list the fecal coliform values obtained during the month in ascending order. Report the value of the sample that corresponds to the 90th percentile (multiply the number of samples by 0.9). For example, for 30 samples, report the corresponding fecal coliform number for the 27th value of ascending order. *[62-610.410 and 62-600.440(4)(c)]*
5. A minimum of 0.5 mg/L total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.410 and 62-600.440(4)(b)]*

FACILITY: Shangri-La By The Lake WWTF
 PERMITTEE: Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER: FLA010521
 EXPIRATION DATE: September 12, 2011

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (cont.)

B. Other Limitations and Monitoring and Reporting Requirements

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall permittee as specified below and reported in accordance with condition I.B.6:

			Limitations				Monitoring Requirements	
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type
BOD, Carbonaceous 5 day, 20C	MG/L	Maximum	Report	-	-	-	Annually	Grab
Solids, Total Suspended	MG/L	Maximum	Report	-	-	-	Annually	Grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	PER CENT	Maximum	-	Report	-	-	Monthly	Calculated

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

Monitoring Location Site Number	Description of Monitoring Location
FLW-1	Effluent flow meters
INF-1	Raw influent to 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. [62-601.500(4)]
4. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method to assure compliance with applicable water quality standards and effluent limitations in accordance with 40 CFR (Code of Federal Regulations) Part 136. All monitoring shall be representative of the monitored activity. [62-620.320(6)]
5. The permittee shall provide safe access points for obtaining representative influent, reclaimed water, and effluent samples which are required by this permit. [62-601.500(5)]
6. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department's Central District Office Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type	Monitoring Period	Due Date
Monthly or Toxicity	first day of month – last day of month	28 th day of following month
Quarterly	January 1 - March 31	April 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

DMRs shall be submitted for each required monitoring period including months of no discharge. The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Central District Office at the address specified in Permit Condition I.B. 7 by the twenty-eighth (28th) of the month following the month of operation.

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

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

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

Phone Number - (407) 894-7555
FAX Number - (407) 897-2966

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

II. RESIDUALS MANAGEMENT REQUIREMENTS

1. The method of residuals use or disposal by this facility is transport to Central Process Residuals Management Facility (RMF) or disposal in a Class I or II solid waste landfill.
2. The permittee shall be responsible for proper treatment, management, use, and land application or disposal of its residuals. [62-640.300(5)]
3. The permittee shall not be held responsible for treatment, management, use, or land application violations that occur after its residuals have been accepted by a permitted residuals management facility with which the source facility has an agreement in accordance with Rule 62-640.880(1)(c), F.A.C., for further treatment, management, use or land application. [62-640.300(5)]
4. Disposal of residuals, septage, and other solids in a solid waste landfill, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(k)3 & 4]
5. If the permittee intends to accept residuals from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. [62-640.880(2)(d)]
6. The permittee shall keep hauling records to track the transport of residuals between facilities. The hauling records shall contain the following information:

Source Facility	Residuals Management Facility or Treatment Facility
1. Date and Time Shipped	1. Date and Time Received
2. Amount of Residuals Shipped	2. Amount of Residuals Received
3. Degree of Treatment (if applicable)	3. Name and ID Number of Source Facility
4. Name and ID Number of Residuals Management Facility or Treatment Facility	4. Signature of Hauler
5. Signature of Responsible Party at Source Facility	5. Signature of Responsible Party at Residuals Management Facility or Treatment Facility
6. Signature of Hauler and Name of Hauling Firm	

These records shall be kept for five years and shall be made available for inspection upon request by the Department. A copy of the hauling records information maintained by the source facility shall be provided upon delivery of the residuals to the residuals management facility or treatment facility. The permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of residuals leaving the source facility and arriving at the residuals management facility or treatment facility. [62-640.880(4)]

7. Storage of residuals or other solids at the permitted facility shall require prior written notification to the Department. [62-640.300(4)]

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

Part II Slow-Rate/Restricted Access System(s) (R-001)

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 annual average hydraulic loading rate to the sprayfield with a total wetted area of 3.2 acres shall be limited to a maximum of 3.0 inches per week. The annual average hydraulic loading rate to the back-up rapid infiltration basin shall be limited to a maximum of 40.0 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 an abnormal event to the Department's Central District Office within 24 hours of an occurrence. The provisions of Rule 62-610.800(9), F.A.C., shall be met. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

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

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead operator must be a Class C operator, or higher.

[62-620.630(3)] [62-699.310] [62-610.462]
2. An operator meeting the lead operator classification level of the plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. *[62-699.311(1)]*
3. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. *[62-600.405(5)]*
4. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. *[62-600.735(1)]*
5. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility:
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation and a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;

FACILITY: Shangri-La By The Lake WWTF
PERMITTEE: Shangri-La By The Lake Utilities, Inc.

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

[62-620.350]

VI. SCHEDULES

Section VI is not applicable to this facility.

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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

VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall apply for renewal of this permit at least 180 days before the expiration date of the permit using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C. The existing permit shall not expire until the Department has taken final action on the application renewal in accordance with the provisions of 62-620.335(3) and (4), F.A.C. [62-620.335(1)-(4)]
2. Florida water quality criteria and standards shall not be violated as a result of any discharge or land application of reclaimed water or residuals from this facility. [62-610.850(1)(a) and (2)(a)]
3. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. [62-600.410(8) and 62-640.400(6)]
4. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. [62-604.130(3)]
5. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. [62-604.550] [62-620.610(20)]
6. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or

- e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health or safety problems. [62-604.130(5)]
7. The treatment facility, storage ponds, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. [62-610.418(1)] [and 62-600.400(2)(b)]
8. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. [62-701.300(1)(a)]
9. The Permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department in a written report within 7 days of the sinkhole discovery. [62-4.070(3)]
10. The permittee shall provide adequate notice to the Department of the following:
- a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C. if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.
- Adequate notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.
- [62-620.625(2)]

IX. GENERAL CONDITIONS

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

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. [62-620.610(6)]
7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. [62-620.610(7)]
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [62-620.610(8)]
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.[62-620.610(9)]
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, Florida Administrative Code. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. [62-620.610(10)]
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. [62-620.610(11)]
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. [62-620.610(12)]
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. [62-620.610(13)]
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. [62-620.610(14)]
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. [62-620.610(15)]

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300 and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2) for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. [62-620.610(16)]
17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.[62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220 and 62-160.330, F.A.C.[62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. [62-620.610(19)]
20. The permittee shall report to the Department any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
 - a. The following shall be included as information which must be reported within 24 hours under this condition:

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PERMITTEE: Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER: FLA010521
EXPIRATION DATE: September 12, 2011

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

[62-620.610(20)]

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

22. Bypass Provisions.

- a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment

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PERMITTEE: Shangri-La By The Lake Utilities, Inc.

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to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance;
and

3. The permittee submitted notices as required under Permit Condition IX. 22. b. of this permit.
- b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
- c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. a. 1. through 3. of this permit.
- d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. a. through c. of this permit.

[62-620.610(22)]

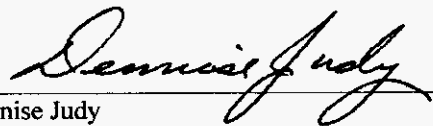
23. Upset Provisions

- a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 1. An upset occurred and that the permittee can identify the cause(s) of the upset;
 2. The permitted facility was at the time being properly operated;
 3. The permittee submitted notice of the upset as required in Permit Condition IX. 20. of this permit; and
 4. The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.
- b. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Dennise Judy
Program Manager
Domestic Waste

DATE: September 19, 2006

2

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Werner & Werner, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER: FLA010521

LIMIT:
CLASS SIZE

Final
N/A

REPORT:
GROUP:

Monthly
Domestic

FACILITY: Shangri-La-By-The-Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL

MONITORING GROUP NUMBER: R-001 and Influent

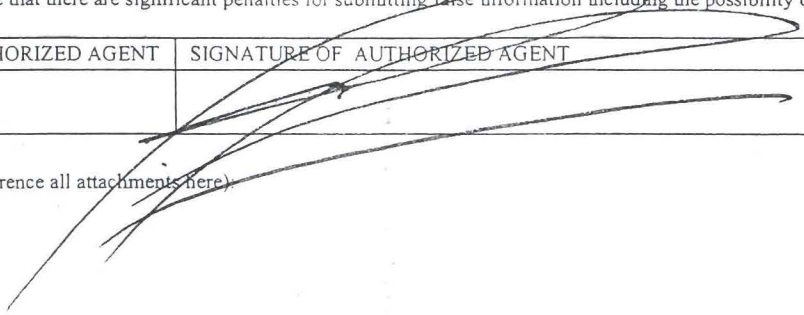
NO DISCHARGE FROM SITE: ☐

COUNTY: Lake

MONITORING PERIOD From: 1 April 2010 through 30 April 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow, to sprayfield	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y Mon.Site No: EFF-1	Permit Requirement	0.05 (An.Avg.)	mgd				5 days/week	meter
Flow, to sprayfield	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 1 Mon.Site No: EFF-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.4	mg/l	0	monthly	grab
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			5.0	mg/l	0	monthly	grab
PARM Code 80082 1 Mon.Site No: EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		monthly	grab
Solids, Total Suspended	Sample Measurement			4.2	mg/l	0	monthly	grab
PARM Code 00530 Y Mon.Site No: EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
Thomas M. Felton/Operator		3527872493	10/05/05

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY NAME: Shangri-La-By-The-Lake WWTF

PERMIT NUMBER: FLA010521

MONITORING GROUP No.:

R-001 and Influent

MONITORING PERIOD

From: 1

April

2010

Through 30 April 2010

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				2.8	2.8		mg/l	0	monthly	grab
PARM Code 00530 1 Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	grab
pH	Sample Measurement				7.2	7.4		s.u.	0	5 days/week	grab
PARM Code 00400 1 Mon.Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		s.u.		5 days/week	grab
Coliform, Fecal	Sample Measurement				<1			#/100ml	0	monthly	grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement				200 (An.Avg.)			#/100ml		monthly	grab
Coliform, Fecal	Sample Measurement				<1	<1		#/100ml	0	monthly	grab
PARM Code 74055 1 Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				1.0			mg/l	0	5 days/week	grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/l		5 days/week	grab
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement				18			%	0	monthly	calculated
PARM Code 00180 1 Mon.Site No. EFF-1	Permit Requirement				Report			%		monthly	calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement				MNR			mg/l	0	annually	grab
PARM Code 80082 G Mon.Site No. INF-1	Permit Requirement				Report			mg/l		annually	grab
Solids, Total Suspended	Sample Measurement				MNR			mg/l	0	annually	grab
PARM Code 00530 G Mon.Site No. INF-1	Permit Requirement				Report			mg/l		annually	grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA010521

From: 1 April 2010 through 30 April 2010

Facility: Shangri-La-By-The-Lake WWTF

	Flow (x1000) gallons Sprayfield	Flow (x1000) gallons percolation pond	CBOD5 (mg/l)	TSS (mg/l)	pH (s.u.)	Fecal Coliform Bacteria (#/100ml)	TRC (For Disinfect.) (mg/l)						
Code	50050	50050	80082	00530	00400	74055	50060						
Mon. Site	EFF-1	EFF-1	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1						
1	9		5.0	2.8	7.4	<1	1.8						
2	4				7.4		1.4						
3	10												
4	10				7.4		1.8						
5	6				7.4		2.0						
6	6				7.4		1.4						
7	11				7.4		1.8						
8	6				7.4		2.0						
9	10				7.4		1.8						
10	7												
11	8				7.4		1.6						
12	9				7.2		1.4						
13	7				7.3		1.5						
14	8				7.4		1.3						
15	6				7.4		1.4						
16	9				7.4		1.2						
17	3												
18	4				7.3		1.4						
19	10				7.4		1.3						
20	8				7.4		1.0						
21	9				7.4		1.2						
22	7				7.4		1.4						
23	8				7.4		1.0						
24	8												
25	8				7.4		1.3						
26	3				7.4		1.4						
27	8				7.4		1.3						
28	7				7.4		1.5						
29	7				7.4		1.3						
30	5				7.4		1.1						
31													
Total	221												
Mo. Avg.	7												

PLANT STAFFING:

Day Shift Operator
Evening Shift Operator
Night Shift Operator
Lead Operator

Class: C	Certificate No: 012637	Name: T Levi
Class: C	Certificate No: 012240	Name: G Murray
Class: C	Certificate No: 009314	Name: J Bethea
Class: C	Certificate No: 002817	Name: T Felton

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
04/01/10	10-04-054-1	04/01/10 1230	CBOD TSS Effluent	5210B 160.2	5.0 2.8	mg/L mg/L	* 04/06/10 1300	DB DB
04/01/10	10-04-054-2	04/01/10 1230	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	04/01/10 1650	DB

*CBOD Date & Time Setup: 04/02/10 0900
 Date & Time Read : 04/07/10 1030

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory
Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: April 13, 2010

“HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH” CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date: September 12, 2011

LIMIT:
CLASS SIZE

Final
N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

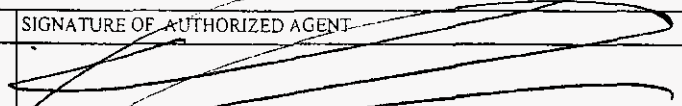
NO DISCHARGE FROM
SITE: ☐

MONITORING PERIOD

From: 1 May 2010 through: 31 May 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹		0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y		0.050	mgd				5 days/week	meter
Mon.Site No. FLW-1		(An.Avg.)						
Flow (Total Flow)		0.007	mgd			0	5 days/week	meter
PARM Code 50050 1		Report	mgd				5 days/week	meter
Mon.Site No. FLW-1		(Mo.Avg.)						
Flow (Backup RIB) ²		0	mgd			0	5 days/week	meter
PARM Code 50050 P		0.013	mgd				5 days/week	meter
Mon.Site No. FLW-1		(An.Avg.)						
Flow (Backup RIB)		0	mgd			0	5 days/week	meter
PARM Code 50050 Q		Report	mgd				5 days/week	meter
Mon.Site No. FLW-1		(Mo.Avg.)						
BOD, Carbonaceous 5 day, 20C				7.4	mg/l	0	monthly	grab
PARM Code 80082 Y				20.0	mg/l		monthly	grab
Mon.Site No. EFA-1				(An.Avg.)				
BOD, Carbonaceous 5 day, 20C				8.0	mg/l	0	monthly	grab
PARM Code 80082 A				8.0	mg/l		monthly	grab
Mon.Site No. EFA-1				Report	60.0		monthly	grab
				(Mo.Avg.)	(Max.)			

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/06/06

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD From 1 May 2010 through: 31 May 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			4.2	mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			1.8 1.8	mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	mg/l		monthly	Grab
pH	Sample Measurement			7.3 7.4	su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.) 8.5 (Max.)	su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			< 1	#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)	#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			< 1 < 1	#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean) 800 (Max.)	#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.8	mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)	mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			17	%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report	%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
	Sample Measurement							
	Permit Requirement							

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 May 2010 through: 31 May 2010

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1						12				
2			7.4		1.0	12				
3			7.4		1.1	6				
4	8.0	21	7.4	1.8	1.3	6				
5			7.4		1.2	9				
6			7.4		1.3	10				
7						6				
8						8				
9			7.4		1.0	8				
10			7.4		1.3	9				
11			7.4		1.2	5				
12			7.3		1.6	7				
13			7.3		2.2	6				
14			7.3		2.2	6				
15						9				
16			7.4		1.3	9				
17			7.4		1.0	5				
18			7.4		1.2	6				
19			7.4		1.1	5				
20			7.4		0.8	7				
21			7.4		1.0	6				
22						7				
23			7.4		1.0	7				
24			7.4		1.2	4				
25			7.4		1.0	6				
26			7.4		1.1	8				
27			7.4		1.0	5				
28			7.4		1.2	3				
29						3				
30			7.3		1.0	3				
31			7.4		1.1	3				
Total						206				
Mo. Avg.						7				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
05/04/10	10-05-047-1	05/04/10 1200	CBOD TSS Effluent	5210B 160.2	8.0 1.8	mg/L mg/L	* 05/06/10 0845	DB DB
05/04/10	10-05-047-2	05/04/10 1200	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	05/04/10 1150	DB

*CBOD Date & Time Setup: 05/04/10 1545
 Date & Time Read : 05/09/10 1400

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tamara Lal*
Title : Quality Control Director
Date Reviewed: May 10, 2010

“HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH” CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date: September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

LIMIT:
CLASS SIZE:

Final
N/A

REPORT: Monthly
GROUP: Domestic

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:

☐

MONITORING PERIOD From: 1 June 2010 through: 30 June 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.006	mgd			0	5 days/week	meter
PARM Code 50050 1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0.006	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.4	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			9.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	mg/l		monthly	grab
Mon.Site No. EFA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/07/07

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD

From: 1 June 2010 through: 30 June 2010

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.4			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			30.6	30.6		mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.3	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.8			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			13			%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Facility: Shangri-La By The Lake WWTF

Monitoring Period from: 1 June 2010 through: 30 June 2010

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	4				
2			7.4		1.2	7				
3			7.4		1.1	3				
4			7.4		1.0	4				
5						6				
6			7.4		1.0	7				
7			7.4		1.1	5				
8	9.0	<1	7.4	30.6	1.6	2				
9			7.3		1.0	6				
10			7.4		1.1	3				
11			7.4		1.3	4				
12						4				
13			7.4		1.0	4				
14			7.4		1.1	6				
15			7.4		1.0	9				
16			7.4		0.8	4				
17			7.3		1.0	9				
18			7.3		1.2	5				
19						8				
20			7.4		1.1	9				
21			7.3		1.0	5				
22			7.4		1.1	8				
23			7.4		1.4	8				
24			7.4		1.0	8				
25			7.4		1.2	5				
26						7				
27			7.4		1.2	8				
28			7.4		1.2	5				
29			7.4		1.0	4				
30			7.4		1.1	8				
31										
Total						175				
Mo. Avg.						6				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
06/08/10	10-06-261-1	06/08/10 1130	CBOD TSS Effluent	5210B 160.2	9.0 30.6	mg/L mg/L	* 06/09/10 0900	DB DB
06/08/10	10-06-261-2	06/08/10 1130	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	06/08/10 1620	DB

*CBOD Date & Time Setup: 06/08/10 1630
 Date & Time Read : 06/13/10 1400

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tamara Lal*
Title : Quality Control Director
Date Reviewed: June 24, 2010

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date:

September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard

LIMIT:
CLASS SIZE:

Final
N/A

REPORT:
GROUP:

Monthly
Domestic

Leesburg, FL 34788

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:



MONITORING PERIOD

From: 1 July 2010 through: 31 July 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.1	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			6.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		monthly	grab
Mon.Site No. EFA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/08/08

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments)

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD

From: 1 July 2010 through: 31 July 2010

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.5			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			2.2	2.2		mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.3	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.8			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			13			%	0	monthly	Calculated
PARM Code 00180 I Mon.Site No. FLW-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 July 2010 through: 31 July 2010

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	4				
2			7.3		1.5	4				
3						5				
4			7.4		1.4	5				
5			7.4		1.6	4				
6	6.0	<1	7.4	2.2	1.4	6				
7			7.4		1.0	8				
8			7.4		1.1	4				
9			7.4		1.0	5				
10						10				
11			7.4		1.0	10				
12			7.4		1.1	9				
13			7.4		0.8	6				
14			7.4		1.0	7				
15			7.4		1.3	5				
16			7.4		1.1	6				
17						7				
18			7.3		1.0	8				
19			7.3		1.2	4				
20			7.3		1.0	5				
21			7.4		1.1	9				
22			7.4		1.0	6				
23			7.4		1.2	6				
24						11				
25			7.4		1.0	12				
26			7.4		1.1	5				
27			7.4		1.0	10				
28			7.3		1.2	8				
29			7.4		1.0	5				
30			7.4		1.4	4				
31						9				
Total						209				
Mo. Avg.						7				

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 0012637	Name: T Levi
Evening Shift Operator	Class: A	Certificate No: 0014107	Name: D Harris
Night Shift Operator	Class: C	Certificate No: 0012240	Name: G Murray
Lead Operator	Class: C	Certificate No: 0002817	Name: T Felton

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:

Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
07/06/10	10-07-073-1	07/06/10 1130	CBOD TSS Effluent	5210B 160.2	6.0 2.2	mg/L mg/L	* 07/12/10 0900	DB DB
07/06/10	10-07-073-2	07/06/10 1130	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	07/06/10 1605	RP

*CBOD Date & Time Setup: 07/07/10 1615
 Date & Time Read : 07/12/10 1400

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: July 14, 2010

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date:

September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

LIMIT:

Final

REPORT:

Monthly

CLASS SIZE:

N/A

GROUP:

Domestic

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC:

Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:



MONITORING PERIOD

From: 1 Aug. 2010 through: 31 Aug. 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y Mon Site No. FLW-1	Permit Requirement	0.050 (An. Avg.)	mgd				5 days/week	meter
Flow (Total Flow)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 I Mon Site No. FLW-1	Permit Requirement	Report (Mo. Avg.)	mgd				5 days/week	meter
Flow (Backup RIB) ²	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 P Mon Site No. FLW-1	Permit Requirement	0.013 (An. Avg.)	mgd				5 days/week	meter
Flow (Backup RIB)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Q Mon Site No. FLW-1	Permit Requirement	Report (Mo. Avg.)	mgd				5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.2	mg/l	0	monthly	grab
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			8.0	mg/l	0	monthly	grab
PARM Code 80082 A Mon Site No. EFA-1	Permit Requirement			Report (Mo. Avg.)	mg/l		monthly	grab
				8.0	mg/l	0	monthly	grab
				60.0 (Max.)	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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/09/11

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA010521

From: 1 Aug. 2010 through: 31 Aug. 2010

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.5			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon. Site No. EPA-1	Permit Requirement			20.0 (An. Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			<1.0	<1.0		mg/l	0	monthly	Grab
PARM Code 00530 A Mon. Site No. EPA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.3	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon. Site No. EPA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon. Site No. EPA-1	Permit Requirement			200 (An. Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon. Site No. EPA-1	Permit Requirement			Report (Mo. Geo. Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.8			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon. Site No. EPA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			15			%	0	monthly	Calculated
PARM Code 00180 A Mon. Site No. EPA-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon. Site No. INE-1	Permit Requirement			Report (An. Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon. Site No. INE-1	Permit Requirement			Report (An. Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Facility: Shangri-La By The Lake WWTF

Monitoring Period from: 1 Aug. 2010 through: 31 Aug. 2010

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.6	10				
2			7.4		1.2	8				
3			7.4		1.0	6				
4			7.4		1.3	9				
5	8.0	<1	7.4	<1.0	1.5	5				
6			7.4		1.2	5				
7						9				
8			7.4		0.8	10				
9			7.4		1.0	7				
10			7.3		0.9	6				
11			7.4		1.0	11				
12			7.4		0.8	5				
13			7.3		1.0	11				
14						8				
15			7.4		0.8	8				
16			7.3		0.9	6				
17			7.4		1.0	6				
18			7.4		1.2	11				
19			7.4		1.0	13				
20			7.4		1.1	4				
21						9				
22			7.4		1.0	10				
23			7.4		1.2	3				
24			7.4		1.4	8				
25			7.4		1.0	8				
26			7.4		1.2	8				
27			7.4		1.4	7				
28						4				
29			7.4		1.0	5				
30			7.4		1.2	5				
31			7.4		1.0	11				
Total						236				
Mo. Avg.						8				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
08/05/10	10-08-173-1	08/05/10 1315	CBOD TSS Effluent	5210B 160.2	8.0 1.0 U	mg/L mg/L	* 08/08/10 1015	DB DB
08/05/10	10-08-173-2	08/05/10 1315	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	08/05/10 1600	RP

*CBOD Date & Time Setup: 08/05/10 1600
 Date & Time Read : 08/10/10 1430

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tamara Lal*
Title : Quality Control Director
Date Reviewed: August 18, 2010

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DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date: September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

LIMIT:
CLASS SIZE:

Final
N/A

REPORT: Monthly
GROUP: Domestic

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:



MONITORING PERIOD From: 1 Sept. 2010 through: 30 Sept. 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	—	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	—	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.2	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EPA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			8.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		monthly	grab
Mon.Site No. EPA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/10/10

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP
NUMBER:

R-001

PERMIT NUMBER: FLA010521

MONITORING PERIOD From: 1 Sept . 2010 through: 30 Sept . 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.4	mg/l	0	monthly	Grab
PARM Code 00530 Y Mon Site No: EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			1.2	mg/l	6	monthly	Grab
PARM Code 00530 A Mon Site No: EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		monthly	Grab
pH	Sample Measurement			7.3	su	0	5 days/week	Grab
PARM Code 00400 A Mon Site No: EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		5 days/week	Grab
Coliform, Fecal	Sample Measurement			21	#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon Site No: EFA-1	Permit Requirement			200 (An.Avg.)	#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			1	#/100ml	0	monthly	Grab
PARM Code 74055 A Mon Site No: EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.7	mg/l	0	5 days/week	Grab
PARM Code 00160 A Mon Site No: EFA-1	Permit Requirement			0.5 (Min.)	mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			15	%	0	monthly	Calculated
PARM Code 00180 I Mon Site No: EFA-1	Permit Requirement			Report	%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 80682 Y Mon Site No: INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 00530 Y Mon Site No: INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
	Sample Measurement							
	Permit Requirement							

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Facility: Shangri-La By The Lake WWTF

Monitoring Period from: 1 Sept. 2010 through: 30 Sept. 2010

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.3	9				
2			7.4		1.1	5				
3			7.4		1.4	4				
4						11				
5			7.4		1.6	11				
6			7.4		1.3	4				
7	8.0	1	7.4	1.2	1.4	7				
8			7.3		1.1	9				
9			7.4		1.5	7				
10			7.4		1.3	6				
11						8				
12			7.4		1.2	8				
13			7.4		1.0	10				
14			7.4		1.1	8				
15			7.4		1.0	5				
16			7.4		1.3	7				
17			7.4		1.5	5				
18						8				
19			7.4		1.0	8				
20			7.4		0.7	4				
21			7.4		1.2	6				
22			7.4		1.0	6				
23			7.4		1.2	5				
24						7				
25						8				
26			7.4		1.6	8				
27			7.4		1.4	7				
28			7.2		1.0	7				
29			7.4		1.1	6				
30			7.5		0.8	5				
31										
Total						209				
Mo. Avg.						7.0				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
09/07/10	10-09-134-1	09/07/10 1115	CBOD TSS Effluent	5210B 160.2	8.0 1.2	mg/L mg/L	* 09/10/10 1030	DB DB
09/07/10	10-09-134-2	09/07/10 1115	Fecal Coliform Effluent	SM 9222D	1	cfu's/100mls	09/07/10 1615	RP

*CBOD Date & Time Setup: 09/07/10 1615
 Date & Time Read : 09/12/10 1430

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory
Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: September 30, 2010

“HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH” CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date:

September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard

LIMIT:

Final

REPORT:

Monthly

CLASS SIZE:

N/A

GROUP:

Domestic

Leesburg, FL 34788

MONITORING GROUP

R-001

NUMBER:

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:



MONITORING PERIOD

From: 1 Oct. 2010 through: 31 Oct. 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An. Avg.)	mgd				5 days/week	meter
Mon. Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.006	mgd			0	5 days/week	meter
PARM Code 50050 I	Permit Requirement	Report (Mo. Avg.)	mgd				5 days/week	meter
Mon. Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An. Avg.)	mgd				5 days/week	meter
Mon. Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0.006	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo. Avg.)	mgd				5 days/week	meter
Mon. Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			6.8	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An. Avg.)	mg/l		monthly	grab
Mon. Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			5.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo. Avg.)	mg/l		monthly	grab
Mon. Site No. EFA-1				50.0 (Max.)				

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/11/12

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD From: 1 Oct. 2010 through: 31 Oct. 2010

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.3			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon Site No. BFA-1	Permit Requirement			20.0 (An. Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			11.4	11.4		mg/l	0	monthly	Grab
PARM Code 00530 A Mon Site No. BFA-1	Permit Requirement			Report (Mo. Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.1	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon Site No. BFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon Site No. BFA-1	Permit Requirement			200 (An. Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon Site No. BFA-1	Permit Requirement			Report (Mo. Geo. Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			2.0			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon Site No. BFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			14			%	0	monthly	Calculated
PARM Code 00180 I Mon Site No. FCA-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon Site No. INR-1	Permit Requirement			Report (An. Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon Site No. INR-1	Permit Requirement			Report (An. Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 Oct. 2010 through: 31 Oct. 2010

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.6	4				
2						3				
3			7.3		1.2	2				
4			7.3		1.0	8				
5			7.4		1.8	4				
6			7.4		2.2	7				
7			7.4		2.0	5				
8			7.4		2.2	3				
9						10				
10			6.9		1.2	10				
11			7.4		0.6	4				
12			7.4		0.8	5				
13			7.4		1.0	7				
14			7.4		1.8	9				
15			7.4		2.2	5				
16						5				
17			7.4		1.6	6				
18			7.4		1.1	4				
19	5.0	3	7.4	11.4	1.0	3				
20			7.4		0.8	2				
21			7.4		1.2	12				
22			7.4		1.5	14				
23						5				
24			7.3		1.7	6				
25			7.3		1.5	12				
26			7.4		1.3	10				
27			7.4		1.0	10				
28			7.3		0.8	9				
29			7.3		1.0	4				
30						9				
31			7.4		1.0	10				
Total						197				
Mo. Avg.						6				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
10/19/10	10-10-505-1	10/19/10 1300	CBOD TSS Effluent	5210B 160.2	5.0 11.4	mg/L mg/L	10/20/10 1230	DB DB
10/19/10	10-10-505-2	10/19/10 1300	Fecal Coliform Effluent	SM 9222D	3	cfu's/100mls	10/19/10 1615	RP

*CBOD Date & Time Setup: 10/19/10 1630
 Date & Time Read : 10/24/10 1315

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tomara Lal*
Title : Quality Control Director
Date Reviewed: October 30, 2010

“HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH” CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.

PERMIT NUMBER

FLA010521

Expiration Date:

September 12, 2011

MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

LIMIT:

Final

REPORT:

Monthly

CLASS SIZE:

N/A

GROUP:

Domestic

FACILITY: Shangri-La By The Lake WWTF

LOCATION: 100 Shangri-La Boulevard

MONITORING GROUP

R-001

Leesburg, FL 34788

NUMBER:

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:

MONITORING PERIOD From: 1 Nov 2010 through: 30 Nov 2010

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.0	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			10.0 10.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	mg/l		monthly	grab
Mon.Site No. EFA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	10/12/8

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD

From: 1 NOV 2010 through: 30 NOV 2010

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement				6.3			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement				20.0 (An. Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement				6.8	6.8		mg/l	0	monthly	Grab
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement				Report (Mo. Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement				7.3	7.5		su	0	5 days/week	Grab
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement				<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement				200 (An. Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement				<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				Report (Mo. Geo. Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement				0.5			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement				13			%	0	monthly	Calculated
PARM Code 00180 I Mon. Site No. ELW-1	Permit Requirement				Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement				MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon. Site No. INF-1	Permit Requirement				Report (An. Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement				MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon. Site No. INF-1	Permit Requirement				Report (An. Avg.)			mg/l		annually	Grab
	Sample Measurement										
	Permit Requirement										

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 Nov 2010 through: 30 Nov 2010

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	10				
2			7.4		0.8	7				
3			7.4		1.4	7				
4			7.4		1.6	7				
5			7.4		1.2	6				
6						5				
7			7.4		1.4	6				
8			7.3		1.0	5				
9			7.4		1.2	4				
10			7.3		1.0	7				
11			7.4		1.4	8				
12			7.4		1.1	5				
13						11				
14			7.4		1.0	11				
15			7.4		1.3	8				
16	10.0	<1	7.5	6.8	1.6	5				
17			7.4		1.4	10				
18			7.4		1.1	6				
19			7.4		1.0	4				
20						12				
21			7.4		0.7	12				
22			7.5		0.5	3				
23			7.4		0.9	5				
24			7.4		1.2	9				
25			7.4		1.4	6				
26			7.4		1.8	6				
27						3				
28			7.4		1.7	4				
29			7.4		1.0	5				
30			7.4		1.1	7				
31										
Total						2.7				
Mo. Avg.	10.0	<1		6.8		7				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
11/16/10	10-11-414-1	11/16/10 1030	CBOD TSS Effluent	5210B 160.2	10.0 6.8	mg/L mg/L	* 11/19/10 1330	DB DB
11/16/10	10-11-414-2	11/16/10 1030	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	11/16/10 1630	DB

*CBOD Date & Time Setup: 11/17/10 1700
 Date & Time Read : 11/22/10 1430

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: November 30, 2010

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date: September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

LIMIT:
CLASS SIZE:

Final
N/A

REPORT: Monthly
GROUP: Domestic

MONITORING GROUP NUMBER:
MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

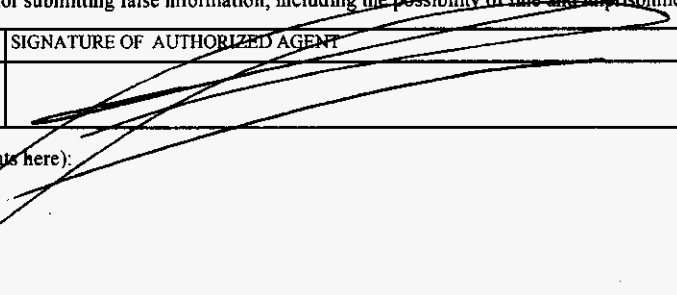
NO DISCHARGE FROM
SITE:



MONITORING PERIOD From: 1 Dec. 2010 through: 31 Dec. 2010

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008		mgd					0	5 days/week	meter
PARM Code 50050 Y Mon.Site No. FLW-1	Permit Requirement	0.050 (An.Avg.)		mgd						5 days/week	meter
Flow (Total Flow)	Sample Measurement	0.008		mgd					0	5 days/week	meter
PARM Code 50050 I Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)		mgd						5 days/week	meter
Flow (Backup RIB) ²	Sample Measurement	8		mgd					0	5 days/week	meter
PARM Code 50050 P Mon.Site No. FLW-1	Permit Requirement	0.013 (An.Avg.)		mgd						5 days/week	meter
Flow (Backup RIB)	Sample Measurement	8		mgd					0	5 days/week	meter
PARM Code 50050 Q Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)		mgd						5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement				7.3			mg/l	0	monthly	grab
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				8.0	8.0		mg/l	0	monthly	grab
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement				Report (Mo.Avg.)	60.0 (Max.)		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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/01/01

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA010521

From: 1 Dec , 2010 through: 31 Dec , 2010

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.1			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			2.0	2.0		mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.1	7.5		su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			14			%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 Dec 2010 through: 31 Dec 2010

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FI.W-1				
1			7.4		1.1	10				
2			7.5		1.2	5				
3			7.4		1.8	5				
4						9				
5			7.3		2.0	10				
6			7.4		1.4	5				
7			7.3		1.3	9				
8			7.4		1.4	8				
9	8.0	<1	7.3	2.0	1.0	5				
10			7.3		1.6	8				
11						7				
12			7.4		1.4	7				
13			7.5		1.1	9				
14			7.4		1.0	5				
15			7.3		1.3	9				
16			7.3		1.0	7				
17			7.3		1.4	5				
18						11				
19			7.3		1.2	11				
20			7.2		1.0	6				
21			7.3		1.6	5				
22			7.2		1.5	11				
23			7.3		1.2	8				
24			7.3		1.0	5				
25						7				
26			7.2		1.4	8				
27			7.1		1.0	9				
28			7.1		1.1	8				
29			7.4		1.4	9				
30			7.3		1.5	7				
31			7.3		1.0	8				
Total						236				
Mo. Avg.						8				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
12/09/10	10-12-298-1	12/09/10 1030	CBOD TSS Effluent	5210B 160.2	8.0 2.0	mg/L mg/L	* 12/15/10 0930	DB DB
12/09/10	10-12-298-2	12/09/10 1030	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	12/09/10 1615	DB

*CBOD Date & Time Setup: 12/10/10 1030
 Date & Time Read : 12/15/10 1115

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tamara Lal*
Title : Quality Control Director
Date Reviewed: December 30, 2010

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER: FLA010521

Expiration Date: September 12, 2011

LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard

MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESC: Sprayfield, including Influent

Leesburg, FL 34788

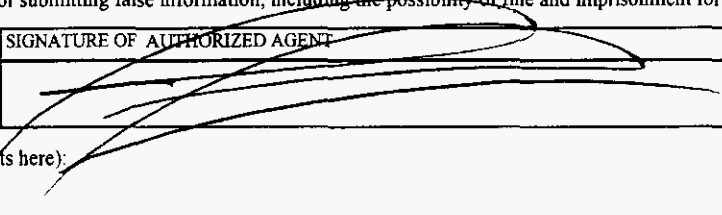
COUNTY: Lake

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: 1 Jan. 2011 through: 31 Jan. 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y Mon.Site No. FLW-1	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Flow (Total Flow)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 I Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB) ²	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 P Mon.Site No. FLW-1	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Q Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.4	mg/l	0	monthly	grab
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			9.0	mg/l	0	monthly	grab
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/02/02

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA010521

From: 1 Jan 2011 through: 31 Jan 2011

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.4			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			8.4	8.4		mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.3	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			2	2		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			15			%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			252			mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			260			mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Facility: Shangri-La By The Lake WWTF

Monitoring Period from: 1 Jan, 2011 through: 31 Jan, 2011

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons	CBOD	TSS		
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	INF	INF		
1						13				
2			7.4		1.3	13				
3			7.4		1.1	5				
4			7.4		1.2	7				
5			7.3		1.0	6				
6	9.0	2	7.4	8.4	1.3	9	252	260		
7			7.4		1.5	6				
8						12				
9			7.4		1.6	12				
10			7.4		1.8	6				
11			7.3		2.0	8				
12			7.4		1.4	8				
13			7.4		1.5	5				
14			7.4		1.8	6				
15						9				
16			7.3		1.4	10				
17			7.4		1.2	8				
18			7.4		1.0	6				
19			7.3		1.1	11				
20			7.4		1.0	6				
21			7.4		1.2	7				
22						10				
23			7.4		1.3	10				
24			7.3		1.0	7				
25			7.4		1.2	6				
26			7.4		1.0	12				
27			7.4		1.1	7				
28			7.4		1.0	5				
29						10				
30			7.3		1.1	10				
31			7.4		1.2	5				
Total						255				
Mo. Avg.						8				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
01/06/11	11-01-171-1	01/06/11 1120	CBOD TSS Effluent	5210B 160.2	9.0 8.4	mg/L mg/L	* 01/11/11 1215	DB DB
01/06/11	11-01-171-2	01/06/11 1123	CBOD TSS Influent	5210B 160.2	252.0 260.0	mg/L mg/L	* 01/11/11 1215	DB DB
01/06/11	11-01-171-3	01/06/11 1120	Fecal Coliform Effluent	SM 9222D	2	cfu's/100mls	01/06/11 1555	TL

*CBOD Date & Time Setup: 01/07/11 1130
 Date & Time Read : 01/12/11 1015

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory
Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Temara Lal
Title : Quality Control Director
Date Reviewed : January 31, 2011

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294
PAGE 1 OF 2

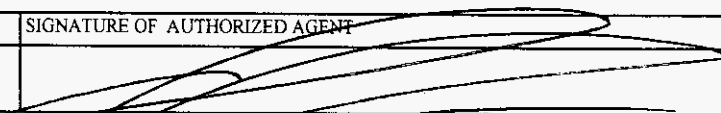
DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc. MAILING ADDRESS: 100 Shangri-La Boulevard Leesburg, FL 34788	PERMIT NUMBER: FLA010521 LIMIT: Final CLASS SIZE: N/A	Expiration Date: September 12, 2011 REPORT: Monthly GROUP: Domestic	
FACILITY: Shangri-La By The Lake WWTF LOCATION: 100 Shangri-La Boulevard Leesburg, FL 34788	MONITORING GROUP NUMBER: MONITORING GROUP DESC: Sprayfield, including Influent		
COUNTY: Lake	NO DISCHARGE FROM SITE: <input type="checkbox"/> MONITORING PERIOD From: 1 Feb 2011 through: 28 Feb 2011		

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 Y Mon.Site No. FLW-1	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Flow (Total Flow)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 1 Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB) ²	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 P Mon.Site No. FLW-1	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB)	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 Q Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.5	mg/l	0	monthly	grab
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			8.0	mg/l	0	monthly	grab
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/3/11

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD

From: 1 Feb 2011 through: 28 Feb 2011

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.4			mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			3.0	3.0		mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
pH	Sample Measurement			7.3	7.4		su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.8			mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			16			%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report			%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR			mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 Feb 2011 through: 28 Feb 2011

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L.)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L.)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	12				
2			7.4		0.8	9				
3	8.0	21	7.3	3.0	1.4	5				
4			7.3		1.6	6				
5						13				
6			7.4		1.8	14				
7			7.4		1.7	4				
8			7.4		1.3	7				
9			7.4		1.0	10				
10			7.4		1.2	6				
11			7.4		1.0	6				
12						11				
13			7.4		1.3	12				
14			7.4		1.1	4				
15			7.4		1.0	10				
16			7.4		1.2	11				
17			7.4		1.1	6				
18			7.4		1.4	4				
19						12				
20			7.4		1.2	12				
21			7.4		1.1	7				
22			7.4		1.0	7				
23			7.4		1.1	9				
24			7.4		1.0	7				
25			7.4		1.0	7				
26						8				
27			7.4		1.1	8				
28			7.3		1.3	7				
29										
30										
31										
Total						234				
Mo. Avg.	8.0	21		3.0		8				

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 0012637	Name: T Levi
Evening Shift Operator	Class: A	Certificate No: 0014107	Name: D Harris
Night Shift Operator	Class: C	Certificate No: 0012240	Name: G Murray
Lead Operator	Class: C	Certificate No: 0002817	Name: T Felton

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
02/03/11	11-02-203-1	02/03/11 1115	CBOD TSS Effluent	5210B 160.2	8.0 3.0	mg/L mg/L	* 02/06/11 1100	DB DB
02/03/11	11-02-203-2	02/03/11 1115	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	02/03/11 1600	TL

*CBOD Date & Time Setup: 02/04/11 1030
 Date & Time Read : 02/09/11 1200

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory
Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : *Tamara Lal*
Title : Quality Control Director
Date Reviewed: February 14, 2011

"HELP SAFEGUARD YOUR FUTURE AND YOUR HEALTH" CALL TTA TODAY!
DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER: FLA010521

Expiration Date: September 12, 2011

LIMIT: Final
CLASS SIZE: N/A

REPORT: Monthly
GROUP: Domestic

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard

MONITORING GROUP NUMBER: R-001

Leesburg, FL 34788

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: 1 March 2011 through: 31 March 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 Y Mon.Site No. FLW-1	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Flow (Total Flow)	Sample Measurement	0.009	mgd			6	5 days/week	meter
PARM Code 50050 I Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB) ²	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 P Mon.Site No. FLW-1	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Flow (Backup RIB)	Sample Measurement	0	mgd			6	5 days/week	meter
PARM Code 50050 Q Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.6	mg/l	0	monthly	grab
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			7.0 7.0	mg/l	0	monthly	grab
PARM Code 80082 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/4/11

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD

From: 1 March 2011 through: 31 March 2011

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.0			mg/l	0	monthly	Grab
PARM Code 00530 Y	Permit Requirement			20.0 (An.Avg.)			mg/l		monthly	Grab
Mon.Site No. EFA-1										
Solids, Total Suspended	Sample Measurement			2.2	2.2		mg/l	0	monthly	Grab
PARM Code 00530 A	Permit Requirement			Report (Mo.Avg.)	60.0 (Max.)		mg/l		monthly	Grab
Mon.Site No. EFA-1										
pH	Sample Measurement			7.3	7.5		su	0	5 days/week	Grab
PARM Code 00400 A	Permit Requirement			6.0 (Min.)	8.5 (Max.)		su		5 days/week	Grab
Mon.Site No. EFA-1										
Coliform, Fecal	Sample Measurement			<1			#/100ml	0	monthly	Grab
PARM Code 74055 Y	Permit Requirement			200 (An.Avg.)			#/100ml		monthly	Grab
Mon.Site No. EFA-1										
Coliform, Fecal	Sample Measurement			<1	<1		#/100ml	0	monthly	Grab
PARM Code 74055 A	Permit Requirement			Report (Mo.Geo.Mean)	800 (Max.)		#/100ml		monthly	Grab
Mon.Site No. EFA-1										
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.5			mg/l	0	5 days/week	Grab
PARM Code 50060 A	Permit Requirement			0.5 (Min.)			mg/l		5 days/week	Grab
Mon.Site No. EFA-1										
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			17			%	0	monthly	Calculated
PARM Code 00180 1	Permit Requirement			Report			%		monthly	Calculated
Mon.Site No. FLW-1										
BOD, Carbonaceous 5 day, 20C	Sample Measurement			NMR			mg/l	0	annually	Grab
PARM Code 80082 Y	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Mon.Site No. INF-1										
Solids, Total Suspended	Sample Measurement			NMR			mg/l	0	annually	Grab
PARM Code 00530 Y	Permit Requirement			Report (An.Avg.)			mg/l		annually	Grab
Mon.Site No. INF-1										
	Sample Measurement									
	Permit Requirement									

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010571

 Monitoring Period from: 1 March 2011 through 31 March 2011

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1	7.0	21	7.4	2.2	1.2	11				
2			7.4		1.0	8				
3			7.4		1.1	6				
4			7.4		1.0	6				
5						10				
6			7.4		1.3	10				
7			7.5		1.1	9				
8			7.4		1.3	6				
9			7.4		1.2	11				
10			7.5		1.0	7				
11			7.4		1.1	5				
12						15				
13			7.4		0.9	15				
14			7.4		0.5	5				
15			7.4		0.5	5				
16			7.4		0.5	5				
17			7.3		1.2	6				
18			7.3		1.0	4				
19						14				
20			7.3		1.7	15				
21			7.3		1.3	14				
22			7.4		1.4	7				
23			7.3		1.2	15				
24			7.4		1.0	8				
25			7.4		1.1	13				
26						10				
27			7.4		1.2	11				
28			7.4		1.4	11				
29			7.4		1.8	7				
30			7.4		1.4	12				
31			7.4		0.8	7				
Total						288				
Mo. Avg.	7.0	21		2.2		9				

PLANT STAFFING:

Day Shift Operator	Class: <u>C</u>	Certificate No: <u>0012637</u>	Name: <u>T Levi</u>
Evening Shift Operator	Class: <u>A</u>	Certificate No: <u>0014107</u>	Name: <u>D Harris</u>
Night Shift Operator	Class: <u>C</u>	Certificate No: <u>0012240</u>	Name: <u>G Murray</u>
Lead Operator	Class: <u>C</u>	Certificate No: <u>0002817</u>	Name: <u>T Felton</u>

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
03/01/11	11-03-027-1	03/01/11 1200	CBOD TSS Effluent	5210B 160.2	7.0 2.2	mg/L mg/L	* 03/02/11 1615	DB DB
03/01/11	11-03-027-2	03/01/11 1200	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	03/01/11 1555	TL

*CBOD Date & Time Setup: 03/02/11 1630
 Date & Time Read : 03/07/11 1500

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: March 16, 2011

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DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

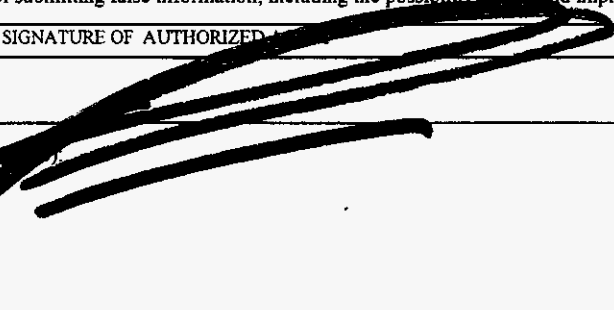
PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc. MAILING ADDRESS: 100 Shangri-La Boulevard Leesburg, FL 34788 FACILITY: Shangri-La By The Lake WWTF LOCATION: 100 Shangri-La Boulevard Leesburg, FL 34788 COUNTY: Lake	PERMIT NUMBER: FLA010521 LIMIT: Final CLASS SIZE: N/A MONITORING GROUP NUMBER: R-001 MONITORING GROUP DESC: Sprayfield, including Influent	Expiration Date: September 12, 2011 REPORT GROUP: Monthly Domestic
--	--	---

NO DISCHARGE FROM SITE: ☐

MONITORING PERIOD From: 1 April 2011 through: 30 April 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.008	mgd			0	5 days/week	meter
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.7	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			6.0 6.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	mg/l		monthly	grab
Mon.Site No. EFA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/5/13

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments)

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA010521

From: 1 April 2011 through: 30 April 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			6.1	mg/l	0	monthly	Grab
PARM Code 00530 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	Grab
Mon.Site No. EFA-1								
Solids, Total Suspended	Sample Measurement			3.4	mg/l	0	monthly	Grab
PARM Code 00530 A	Permit Requirement			Report 60.0 (Mo.Avg.) (Max.)	mg/l		monthly	Grab
Mon.Site No. EFA-1								
pH	Sample Measurement			7.3	su	0	5 days/week	Grab
PARM Code 00400 A	Permit Requirement			6.0 8.5 (Min.) (Max.)	su		5 days/week	Grab
Mon.Site No. EFA-1								
Coliform, Fecal	Sample Measurement			21	#/100ml	0	monthly	Grab
PARM Code 74055 Y	Permit Requirement			200 (An.Avg.)	#/100ml		monthly	Grab
Mon.Site No. EFA-1								
Coliform, Fecal	Sample Measurement			21	#/100ml	0	monthly	Grab
PARM Code 74055 A	Permit Requirement			Report 800 (Mo.Geo.Mean) (Max.)	#/100ml		monthly	Grab
Mon.Site No. EFA-1								
Total Residual Chlorine (For Disinfection)	Sample Measurement			1.0	mg/l	0	5 days/week	Grab
PARM Code 50060 A	Permit Requirement			0.5 (Min.)	mg/l		5 days/week	Grab
Mon.Site No. EFA-1								
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			17	%	0	monthly	Calculated
PARM Code 00180 1	Permit Requirement			Report	%		monthly	Calculated
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			N/R	mg/l	0	annually	Grab
PARM Code 80082 Y	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
Mon.Site No. INF-1								
Solids, Total Suspended	Sample Measurement			N/R	mg/l	0	annually	Grab
PARM Code 00530 Y	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
Mon.Site No. INF-1								
	Sample Measurement							
	Permit Requirement							

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010881

Monitoring Period from: 1 April 2011 through: 30 April 2011

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	5				
2						-				
3			7.4		1.4	-				
4			7.5		1.3	5				
5			7.6		1.0	6				
6			7.6		1.4	11				
7			7.5		1.0	7				
8			7.4		1.2	9				
9						11				
10			7.4		1.0	12				
11			7.4		1.1	5				
12			7.3		1.0	10				
13	6.0	41	7.4	3.4	1.3	9				
14			7.4		1.0	7				
15			7.4		1.3	6				
16						11				
17			7.3		1.1	12				
18			7.4		1.0	4				
19			7.4		1.2	3				
20			7.4		1.4	10				
21			7.4		1.9	8				
22			7.4		2.0	7				
23						11				
24			7.3		1.8	12				
25			7.4		1.4	5				
26			7.4		1.6	18				
27			7.4		1.4	13				
28			7.4		1.5	10				
29			7.4		1.2	11				
30						6				
31										
Total						244				
Mo. Avg.	6.0	41		3.4		8				

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 001-637	Name: T Levi
Evening Shift Operator	Class: A	Certificate No: 001-107	Name: D Harris
Night Shift Operator	Class: C	Certificate No: 001-240	Name: G Murray
Lead Operator	Class: C	Certificate No: 000-317	Name: T Felton

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
04/13/11	11-04-346-1	04/13/11 1300	CBOD TSS Effluent	5210B 160.2	6.0 3.4	mg/L mg/L	* 04/19/11 1045	DB DB
04/13/11	11-04-346-2	04/13/11 1300	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	04/13/11 1630	TL

*CBOD Date & Time Setup: 04/14/11 1545
 Date & Time Read : 04/19/11 1300

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: April 26, 2011

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DOH #E83294

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER

FLA010521

Expiration Date: September 12, 2011

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard

LIMIT:
CLASS SIZE:

Final
N/A

REPORT: Monthly
GROUP: Domestic

Leesburg, FL 34788

MONITORING GROUP
NUMBER:

R-001

MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE:



MONITORING PERIOD

From: 1 May 2011 through: 31 May 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. of Samples	Frequency of Analysis	Sample Type
Flow (Total Flow) ¹	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 Y	Permit Requirement	0.050 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Total Flow)	Sample Measurement	0.007	mgd			0	5 days/week	meter
PARM Code 50050 I	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB) ²	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 P	Permit Requirement	0.013 (An.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
Flow (Backup RIB)	Sample Measurement	0	mgd			0	5 days/week	meter
PARM Code 50050 Q	Permit Requirement	Report (Mo.Avg.)	mgd				5 days/week	meter
Mon.Site No. FLW-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			7.8	mg/l	0	monthly	grab
PARM Code 80082 Y	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	grab
Mon.Site No. EFA-1								
BOD, Carbonaceous 5 day, 20C	Sample Measurement			9.0	mg/l	0	monthly	grab
PARM Code 80082 A	Permit Requirement			60.0 (Max.)	mg/l		monthly	grab
Mon.Site No. EFA-1								

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 AUTHORIZED AGENT	SIGNATURE OF AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)
T Felton/operator		352-787-2493	11/6/13

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP

R-001

PERMIT NUMBER: FLA010521

NUMBER:

MONITORING PERIOD From: 1 May 2011 through: 31 May 2011

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement			61	mg/l	0	monthly	Grab
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/l		monthly	Grab
Solids, Total Suspended	Sample Measurement			1.8 1.8	mg/l	0	monthly	Grab
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	mg/l		monthly	Grab
pH	Sample Measurement			7.3 7.6	su	0	5 days/week	Grab
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.) 8.5 (Max.)	su		5 days/week	Grab
Coliform, Fecal	Sample Measurement			<1	#/100ml	0	monthly	Grab
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)	#/100ml		monthly	Grab
Coliform, Fecal	Sample Measurement			<1 <1	#/100ml	0	monthly	Grab
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean) 800 (Max.)	#/100ml		monthly	Grab
Total Residual Chlorine (For Disinfection)	Sample Measurement			0.9	mg/l	0	5 days/week	Grab
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)	mg/l		5 days/week	Grab
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement			16	%	0	monthly	Calculated
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report	%		monthly	Calculated
BOD, Carbonaceous 5 day, 20C	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
Solids, Total Suspended	Sample Measurement			MNR	mg/l	0	annually	Grab
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	mg/l		annually	Grab
	Sample Measurement							
	Permit Requirement							

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521

Monitoring Period from: 1 May 2011 through: 31 May 2011

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow X1000 gallons				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1			7.4		1.0	6				
2			7.4		1.1	8				
3			7.4		1.3	10				
4			7.3		1.0	8				
5	9.0	<1	7.4	1.8	1.7	4				
6			7.4		1.2	7				
7						11				
8			7.3		1.0	12				
9			7.4		1.1	10				
10			7.4		1.3	4				
11			7.4		1.0	6				
12			7.4		0.9	7				
13			7.4		1.0	6				
14						11				
15			7.4		1.0	11				
16			7.4		1.2	5				
17			7.4		1.1	4				
18			7.4		1.0	4				
19			7.4		1.3	7				
20			7.4		1.1	4				
21						8				
22			7.4		1.3	9				
23			7.4		1.0	6				
24			7.3		1.1	6				
25			7.4		0.9	6				
26			7.4		1.0	5				
27			7.5		1.2	5				
28						8				
29			7.6		1.4	8				
30			7.5		1.1	4				
31			7.6		1.0	14				
Total						224				
Mo. Avg.	9.0	<1		1.8		7				

PLANT STAFFING:

Day Shift Operator	Class: C	Certificate No: 0012637	Name: T Levi
Evening Shift Operator	Class: A	Certificate No: 0014107	Name: D Harris
Night Shift Operator	Class: C	Certificate No: 0012240	Name: G Murray
Lead Operator	Class: C	Certificate No: 0002817	Name: T Felton

General Utilities Corp.
7261 Frog Log Ln
Leesburg, Florida 34748
Attention: Mr T. Felton

PROJECT NAME:
Shangri-La

TTA Contact: T. Lal

DATE REC:	WORK ORDER:	DATE/TIME SAMPLED:	PARAMETER: SAMPLE ID:	METHOD:	RESULT	UNITS:	DATE/TIME ANALYZED:	TECH:
05/05/11	11-05-135-1	05/05/11 1035	CBOD TSS Effluent	5210B 160.2	9.0 1.8	mg/L mg/L	* 05/06/11 1030	DB DB
05/05/11	11-05-135-2	05/05/11 1035	Fecal Coliform Effluent	SM 9222D	1 U	cfu's/100mls	05/05/11 1630	TL

*CBOD Date & Time Setup: 05/06/11 1015
 Date & Time Read : 05/11/11 0930

U - Material was analyzed for but not detected;
The value reported is the minimum detection limit.

Test results contained in this package meet the requirement of the National Environmental Laboratory Accreditation Conference and/or state specific programs, as applicable.

Reviewed By : Tamara Lal
Title : Quality Control Director
Date Reviewed: May 15, 2011

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DOH #E83294

3



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: April /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028		
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328		
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047				
Contact Person: Thomas M. Felton		Contact Person's Title: Operator		
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL	Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756		
Contact Person's E-Mail Address: generalutilities@AOL.com				

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL	Zip Code: 34788
Type of Water Treated by Plant:		<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water	
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

5/11/10

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: April /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	/	24	27 000									1.3	BT	
2	/	24	22 000									0.8		
3	/	24	31 000											
4	/	24	38 000									1.0		
5	/	24	68 000									1.1		
6	/	24	24 000									1.0		
7	/	24	43 000									1.0		
8	/	24	19 000									0.7		
9	/	24	23 000									0.7		
10	/	24	45 000									1.0		
11	/	24	49 000									1.0		
12	/	24	33 000									1.0		
13	/	24	31 000									1.0		
14	/	24	39 000									0.8		
15	/	24	25 000									1.0		
16	/	24	30 000									1.0		
17	/	24	41 000											
18	/	24	42 000									0.7		
19	/	24	40 000									1.0		
20	/	24	25 000									1.0		
21	/	24	44 000									1.1		
22	/	24	49 000									1.1		
23	/	24	29 000									0.7		
24	/	24	57 000											
25	/	24	67 000									0.8		
26	/	24	43 000									1.0		
27	/	24	42 000									1.1		
28	/	24	39 000									1.0		
29	/	24	48 000									1.1		
30	/	24	41 000									0.7		
31														
Total			1154 000											
Average			38 000											
Maximum			68 000											



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: May /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsood	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them together with copies of this report, at a convenient location for at least ten years.

Signature and Date

6/1/10

Thomas M. Felton
Printed or Typed Name

0002241
License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: May 2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1		24	10 000		5									
2	/	24	11 000										1.2	
3	/	24	58 000										1.1	
4	/	24	22 000										1.0	
5	/	24	14 000										0.7	
6	/	24	26 000										1.0	BT
7	/	24	14 000										1.0	
8	/	24	21 000											
9	/	24	21 000										0.7	
10	/	24	19 000										0.6	
11	/	24	23 000										1.6	
12	/	24	23 000										1.2	
13	/	24	17 000										1.0	
14	/	24	20 000										0.7	
15	/	24	27 000											
16	/	24	27 000										1.0	
17	/	24	23 000										0.6	
18	/	24	-000										0.4	
19	/	24	-000										0.3	
20	/	24	-000										0.2	
21	/	24	-000										0.2	
22	/	24	-000											
23	/	24	-000										0.2	
24	/	24	-000										0.2	
25	/	24	-000										0.4	
26	/	24	3 000										1.0	
27	/	24	-000										0.6	
28	/	24	-000										2.3	
29	/	24	-000											
30	/	24	2 000										0.2	
31	/	24	22 000										1.0	
Total			403 000											
Average			13 000											
Maximum			58 000											



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: June /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators:	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdood	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

7-3-10

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: June /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °F	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	/	24	24 000										0.6		
2	/	24	38 000										0.3		
3	/	24	40 000										0.8		
4	/	24	20 000										0.5		
5	/	24	41 000												
6	/	24	42 000										0.6		
7	/	24	42 000										0.8		
8	/	24	19 000										1.0		
9	/	24	20 000										0.6	BT	
10	/	24	66 000										0.7		
11	/	24	16 000										0.5		
12	/	24	45 000												
13	/	24	46 000										1.1		
14	/	24	40 000										1.0		
15	/	24	23 000										0.2		
16	/	24	23 000										0.6		
17	/	24	47 000										0.6		
18	/	24	22 000										0.4		
19	/	24	21 000												
20	/	24	22 000										0.6		
21	/	24	47 000										0.7		
22	/	24	23 000										0.6		
23	/	24	30 000										0.6		
24	/	24	15 000										0.7		
25	/	24	12 000										0.4		
26	/	24	14 000												
27	/	24	14 000										0.2		
28	/	24	35 000										0.3		
29	/	24	93 000										0.3		
30	/	24	32 000										0.8		
31															
Total			966 000												
Average			32 000												
Maximum			93 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: July /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date	<u>8/1/10</u> Thomas M. Felton	0002241
	Printed or Typed Name	License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: July /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	/	24	18 000										0.7		
2	/	24	12 000										0.4		
3		24	25 000												
4	/	24	25 000										0.3		
5	/	24	41 000										0.6		
6	/	24	16 000										1.0		
7	/	24	30 000										1.8		
8	/	24	22 000										1.2		
9	/	24	11 000										0.7		
10		24	44 000												
11	/	24	48 000										1.1		
12	/	24	22 000										0.8		
13	/	24	17 000										0.7		
14	/	24	36 000										1.0		
15	/	24	18 000										1.4		
16	/	24	21 000										1.0		
17		24	38 000												
18	/	24	38 000										1.0	BT	
19	/	24	36 000										1.2		
20	/	24	27 000										1.0		
21	/	24	40 000										1.2		
22	/	24	23 000										1.0		
23	/	24	23 000										0.7		
24		24	33 000												
25	/	24	17 000										1.1		
26	/	24	29 000										1.0		
27	/	24	17 000										0.8		
28	/	24	33 000										0.6		
29	/	24	28 000										0.8		
30	/	24	21 000										1.0		
31		24	36 000												
Total			842 000												
Average			27 000												
Maximum			45 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: Aug. /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdoo	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

9/1/10

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: Aug /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*

Day of the Month	Days Plant Staffed or Visited by Operator (Place Mark)	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	/	24	20 000										1.1		
2	/	24	18 000										0.8		
3	/	24	12 000										1.1		
4	/	24	18 000										1.6		
5	/	24	14 000										1.2		
6	/	24	12 000										0.7		
7		24	11 000												
8	/	24	12 000										1.0	BT	
9	/	24	26 000										1.1		
10	/	24	16 000										0.9		
11	/	24	23 000										1.0		
12	/	24	18 000										1.0		
13	/	24	25 000										1.1		
14		24	20 000												
15	/	24	19 000										1.4		
16	/	24	19 000										1.6		
17	/	24	26 000										1.2		
18	/	24	19 000										1.2		
19	/	24	20 000										1.6		
20	/	24	13 000										1.4		
21		24	18 000												
22	/	24	19 000										1.0		
23	/	24	20 000										1.2		
24	/	24	20 000										1.0		
25	/	24	19 000										1.1		
26	/	24	20 000										1.0		
27	/	24	20 000										1.0		
28		24	17 000												
29	/	24	18 000										1.2		
30	/	24	12 000										1.3		
31	/	24	20 000										1.4		
Total			564 000												
Average			18 000												
Maximum			26 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: Sept /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

10/1/10

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-La

II. Daily Data for the Month/Year of: Sept. /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	/	24	37 000										1.1		
2	/	24	56 000										1.0		
3	/	24	30 000										0.7		
4	/	24	22 000												
5	/	24	52 000										1.3		
6	/	24	20 000										0.6		
7	/	24	68 000										1.2		
8	/	24	33 000										0.6		
9	/	24	56 000										1.1		
10	/	24	38 000										1.0		
11	/	24	59 000												
12	/	24	59 000										1.1		
13	/	24	42 000										1.0		
14	/	24	49 000										0.9		
15	/	24	15 000										0.7		
16	/	24	40 000										1.0	B+	
17	/	24	28 000										1.0		
18	/	24	44 000												
19	/	24	55 000										1.1		
20	/	24	39 000										1.3		
21	/	24	30 000										1.4		
22	/	24	40 000										1.0		
23	/	24	28 000										1.1		
24	/	24	33 000										0.7		
25	/	24	33 000												
26	/	24	27 000										1.2		
27	/	24	34 000										1.0		
28	/	24	29 000										1.1		
29	/	24	28 000										1.6		
30	/	24	28 000										1.2		
31															
Total			1152 000												
Average			38 000												
Maximum			68 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: oct /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdoo	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

11/1/10

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028

Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: Oct /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)☐ Ultraviolet Radiation ☐ Other (Describe):Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Started or Returned to Operation	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	✓	24	100 000											
2		24	— 000											
3	✓	24	3 000										1.0	
4	✓	24	40 000										0.3	BT
5	✓	24	30 000										1.3	
6	✓	24	43 000										1.2	
7	✓	24	31 000										1.4	
8	✓	24	25 000										0.5	
9		24	53 000											
10	✓	24	52 000										0.6	
11	✓	24	36 000										0.2	
12	✓	24	44 000										1.0	
13	✓	24	42 000										0.3	
14	✓	24	40 000										0.2	
15	✓	24	37 000										1.0	
16		24	32 000											
17	✓	24	32 000										0.2	
18	✓	24	22 000										2.0	
19	✓	24	22 000										2.0	
20	✓	24	15 000										1.8	
21	✓	24	40 000										0.2	
22	✓	24	30 000										0.8	
23		24	20 000											
24	✓	24	45 000										2.0	
25	✓	24	44 000										1.1	
26	✓	24	26 000										0.3	
27	✓	24	24 000										1.1	
28	✓	24	42 000										0.2	
29	✓	24	20 000										0.7	
30		24	20 000											
31	✓	24	37 000										0.6	
Total			1047 000											
Average			34 000											
Maximum			100 000											



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: NOV /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdood	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

12/1/10

Thomas M. Felton
Printed or Typed Name

0002241
License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: NOV /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	✓	24	142 000										1.0	
2	✓	24	28 000										1.2	
3	✓	24	23 000										1.0	
4	✓	24	26 000										1.1	
5	✓	24	23 000										1.0	
6		24	40 000											
7	✓	24	40 000										0.7	BT
8	✓	24	22 000										1.0	
9	✓	24	36 000										1.2	
10	✓	24	30 000										1.2	
11	✓	24	48 000										1.3	
12	✓	24	24 000										0.7	
13		24	40 000											
14	✓	24	40 000										1.1	
15	✓	24	27 000										1.2	
16	✓	24	28 000										1.4	
17	✓	24	35 000										1.0	
18	✓	24	26 000										1.2	
19	✓	24	24 000										0.7	
20		24	37 000											
21	✓	24	37 000										0.7	
22	✓	24	28 000										1.3	
23	✓	24	27 000										1.4	
24	✓	24	37 000										1.2	
25	✓	24	20 000										1.2	
26	✓	24	28 000										0.8	
27		24	35 000											
28	✓	24	35 000										1.2	
29	✓	24	20 000										1.0	
30	✓	24	30 000										0.9	
31														
Total			1036 000											
Average			35 000											
Maximum			142 000											



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: Dec /2010

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028		
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328		
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047				
Contact Person: Thomas M. Felton		Contact Person's Title: Operator		
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL	Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756		
Contact Person's E-Mail Address: generalutilities@AOL.com				

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL	Zip Code: 34788
Type of Water Treated by Plant:		<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water	
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV			Plant Class (per subsection 62-699.310(4), F.A.C.): C	
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

11/3/11

Thomas M. Felton
Printed or Typed Name

0002241
License Number

II. Daily Data for the Month/Year of: Dec /2010

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Studied or Visited by Operator	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	✓	24	19 000										0.9		
2	✓	24	24 000										1.7		
3	✓	24	28 000										0.7		
4		24	19 000												
5	✓	24	20 000										1.2	BT	
6	✓	24	22 000										1.0		
7	✓	24	17 000										1.2		
8	✓	24	39 000										1.4		
9	✓	24	24 000										1.5		
10	✓	24	20 000										0.7		
11		24	31 000												
12	✓	24	31 000										1.0		
13	✓	24	19 000										1.0		
14	✓	24	16 000										1.1		
15	✓	24	35 000										1.3		
16	✓	24	28 000										1.4		
17	✓	24	23 000										0.8		
18		24	38 000												
19	✓	24	38 000										1.2		
20	✓	24	20 000										1.0		
21	✓	24	21 000										1.1		
22	✓	24	30 000										1.2		
23	✓	24	16 000										1.0		
24	✓	24	21 000										1.1		
25		24	23 000												
26	✓	24	24 000										1.4		
27	✓	24	23 000										1.0		
28	✓	24	18 000										1.0		
29	✓	24	23 000										1.2		
30	✓	24	22 000										1.3		
31	✓	24	22 000										0.7		
Total			754 000												
Average			24 000												
Maximum			39 000												

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: /2011

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1		24	31 000											
2	/	24	31 000										1.2	
3	/	24	20 000										1.3	
4	/	24	15 000										1.1	
5	/	24	19 000										1.0	
6	/	24	30 000										1.1	
7	/	24	25 000										0.7	
8		24	29 000											
9	/	24	19 000										1.0	
10	/	24	21 000										1.1	
11	/	24	18 000										1.3	
12	/	24	18 000										1.0	
13	/	24	21 000										1.0	
14	/	24	19 000										1.0	
15		24	27 000											
16	/	24	25 000										1.2	
17	/	24	17 000										1.0	
18	/	24	15 000										1.0	BT NN
19	/	24	22 000										1.2	
20	/	24	20 000										1.1	
21	/	24	20 000										1.0	
22		24	25 000											
23	/	24	29 000										1.0	
24	/	24	19 000										0.2	
25	/	24	16 000										1.0	
26	/	24	18 000										1.3	
27	/	24	27 000										1.1	
28	/	24	20 000										0.7	
29		24	20 000											
30	/	24	25 000										1.0	
31	/	24	20 000										0.9	
Total			681 000											
Average			22 000											
Maximum			31 000											



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: Jan. /2011

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

2-2-11

Thomas M. Felton

Printed or Typed Name

0002241

License Number

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – please type or print legibly)

System Name: Shangri-La PWS I.D. # 3354028
System Type (check one): ☒ Community ☐ Nontransient Noncommunity ☐ Transient Noncommunity
Address: 100 Shangri-La Blvd
City: Leesburg ZIP Code: 34788
Phone # _____ Fax #: _____ E-Mail Address: _____

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: 11-01-539 Sample Date: 01/18/11 Sample Time: 0840 AM PM (Circle One)

Sample Location (be specific): POE Location Code: _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): _____ mg/L Field pH: _____

Sample Type (Check Only One)

Reason(s) for Sample (Check all that apply)

- ☐ Distribution
☒ Entry Point (to Distribution)
☐ Plant Tap (not for compliance with 62-550)
☐ Raw (at well or intake)
☐ Max Residence Time
☐ Ave Residence Time
☐ Near First Customer

- ☐ Routine Compliance with 62-550 ☐ Replacement (of Invalidated Sample)
☐ Confirmation of MCL Exceedance* ☐ Special (not for compliance with 62-550)
☐ Composite of Multiple Sites** ☐ Clearance (permitting)
☐ Other: _____

Sampling Procedure Used or Other Comments: _____

*See 62-550.500(6) for requirements and restrictions.
And 62-550.512(3) for nitrate or nitrite exceedances.

**See 62-550.550(4) for requirements and
attach a results page for each site.

SAMPLER CERTIFICATION

I, D Harris, Operator, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: [Signature] Date: 5 Feb 2011

Certified Operator #: 2241 Phone #: 352 787 2493 Sampler's Fax #: _____

Sampler's E-mail: _____

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

LABORATORY CERTIFICATION INFORMATION (to be completed by lab – please type or print legibly)

Lab Name: Tri-Tech Laboratories, Inc. Florida DOH Certification #: E83294

Certification Expiration Date: June 30, 2011

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 7240 Old Cheney Highway Orlando, FL 32807 Phone #: 407-275-8463

Were any analyses subcontracted? Yes ☐ No ☐ If yes, please provide DOH certification number(s):

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB*

ANALYSIS INFORMATION (to be completed by lab)

Date Sample(s) Received: 01/18/11

PWS ID (From Page 1): 3354028

Sample Number (From Page 1): 1

Lab Assigned Report # or Job ID: 11-01-539

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- ☐ All Except Asbestos
☐ Partial
☒ Nitrate
☐ Nitrite
☐ Asbestos

Synthetic Organics

- ☐ All 30
☐ All Except Dioxin
☐ Partial
☐ Dioxin Only

Volatile Organics

- ☐ All 21
☐ Partial

Disinfection Byproducts

- ☐ Trihalomethanes
☐ Haloacetic Acids
☐ Chlorite
☐ Bromate

Radionuclides

- ☐ Single Sample
☐ Qtrly Composite**

Secondaries

- ☐ All 14
☐ Partial

LAB CERTIFICATION

I, Tamara Lal, QA Director, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: [Signature] Date: 1-27-11

- * Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.
** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION (to be completed by DEP or DOH – attach notes as necessary)

Sample Collection & Analysis Satisfactory: ☐ Yes ☐ No _____ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection Safe Drinking Water Program Laboratory Reporting Format

INORGANIC CONTAMINANT
62-550.310(1)

Report-Number / Job ID: 11-01-539

PWS ID (From Page 1): 3354028

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1040	Nitrate (as N)	10	Mg/L	0.10	U	353.2	0.10	01/19/11	1200	E83294
1041	Nitrite (as N)	1	Mg/L	0.10	U	353.2	0.10	01/19/11	1015	E83294
1005	Arsenic	0.010	Mg/L	NA						E
1010	Barium	2	mg/L	NA						E
1015	Cadmium	0.005	mg/L	NA						E
1020	Chromium	0.1	mg/L	NA						E
1024	Cyanide	0.2	mg/L	NA						E
1025	Fluoride	4.0	mg/L	NA						E
1030	Lead	0.015	mg/L	NA						E
1035	Mercury	0.002	mg/L	NA						E
1036	Nickel	0.1	mg/L	NA						E
1045	Selenium	0.05	mg/L	NA						E
1052	Sodium	160	mg/L	NA						E
1074	Antimony	0.006	mg/L	NA						E
1075	Beryllium	0.004	mg/L	NA						E
1085	Thallium	0.002	mg/L	NA						E
1094	Asbestos	7 MFL	MFL	NA						E

PWS Identification Number: 3354028 Plant Name: Shangri-La by the Lake

III. Daily Data for the Month/Year of: Feb 2011

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	✓	24	24 000										0.6	BT	
2	✓	24	14 000										1.0		
3	✓	24	32 000										1.1		
4	✓	24	19 000										0.6		
5		24	27 000												
6	✓	24	27 000										1.1		
7	✓	24	19 000										1.1		
8	✓	24	11 000										1.2		
9	✓	24	31 000										1.0		
10	✓	24	16 000										1.1		
11	✓	24	18 000										0.2		
12		24	30 000												
13	✓	24	30 000										1.0		
14	✓	24	12 000										0.7		
15	✓	24	27 000										1.0		
16	✓	24	37 000										1.0		
17	✓	24	26 000										0.8		
18	✓	24	24 000										1.0		
19		24	38 000												
20	✓	24	39 000										1.2		
21	✓	24	21 000										1.2		
22	✓	24	18 000										1.3		
23	✓	24	42 000										1.0		
24	✓	24	30 000										1.0		
25	✓	24	17 000										1.0		
26		24	37 000												
27	✓	24	38 000										0.3		
28	✓	24	15 000										1.1		
29															
30															
31															
Total			719 000												
Average			26 000												
Maximum			42 000												

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: Feb /2011

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdoo	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

3/2/11

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3351335 Plant Name: - Ridgecrest

II. Daily Data for the Month/Year of: March /2011

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	/	24	37 000										1.0		
2	/	24	34 000										0.9		
3	/	24	18 000										1.0		
4	/	24	24 000										0.7		
5	/	24	35 000												
6	/	24	33 000										0.9		
7	/	24	30 000										1.1		
8	/	24	19 000										1.0		
9	/	24	43 000										0.9		
10	/	24	22 000										1.0		
11	/	24	20 000										1.2		
12	/	24	31 000												
13	/	24	37 000										1.3		
14	/	24	28 000										1.0		
15	/	24	29 000										1.1	BT	
16	/	24	45 000										0.2		
17	/	24	27 000										1.1		
18	/	24	33 000										1.0		
19	/	24	42 000												
20	/	24	41 000										0.2		
21	/	24	34 000										1.3		
22	/	24	27 000										1.2		
23	/	24	52 000										1.1		
24	/	24	28 000										1.2		
25	/	24	27 000										0.7		
26	/	24	47 000												
27	/	24	49 000										0.4		
28	/	24	27 000										1.3		
29	/	24	24 000										1.2		
30	/	24	32 000										1.1		
31	/	24	27 000										1.0		
Total			999 000												
Average			32 000												
Maximum			52 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: March /2011

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

4 Apr 11

Thomas M. Felton
Printed or Typed Name

0002241
License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: April 2011

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Type of Disinfectant Residual Maintained in Distribution System: _____															
Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	✓	24	23 000										1.0		
2		24	25 000												
3	✓	24	26 000										1.3		
4	✓	24	29 000										1.2		
5	✓	24	18 000										1.0	BT	
6	✓	24	30 000										1.2		
7	✓	24	19 000										1.0		
8	✓	24	24 000										0.7		
9		24	36 000												
10	✓	24	36 000										1.1		
11	✓	24	34 000										1.0		
12	✓	24	23 000										1.1		
13	✓	24	32 000										1.0		
14	✓	24	23 000										1.1		
15	✓	24	30 000										0.9		
16		24	39 000												
17	✓	24	39 000										0.7		
18	✓	24	17 000										0.6		
19	✓	24	43 000										1.0		
20	✓	24	45 000										1.7		
21	✓	24	36 000										1.4		
22	✓	24	19 000										0.9		
23		24	65 000												
24	✓	24	66 000										0.3		
25	✓	24	30 000										0.8		
26	✓	24	32 000										0.2		
27	✓	24	46 000										1.1		
28	✓	24	39 000										1.0		
29	✓	24	34 000										0.8		
30		24	43 000												
Total			1001 000												
Average			33 000												
Maximum			66 000												



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: April /2011

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028		
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328		
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047				
Contact Person: Thomas M. Felton		Contact Person's Title: Operator		
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL	Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756		
Contact Person's E-Mail Address: generalutilities@AOL.com				

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL	Zip Code: 34788
Type of Water Treated by Plant:	<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water		
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	K Ramsdoo	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

5/3/11

Thomas M. Felton
Printed or Typed Name

0002241
License Number



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: May /2011

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028	
PWS Type:	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328	
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047			
Contact Person: Thomas M. Felton		Contact Person's Title: Operator	
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756	
Contact Person's E-Mail Address: generalutilities@AOL.com			

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL Zip Code: 34788	
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water				
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
	K Ramsdod	C	0015224	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies
Other Operators:				

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date: 6/2/11 Thomas M. Felton Printed or Typed Name License Number: 0002241

PWS Identification Number: - 3354008 Plant Name: - Shangri-la by the Lake

II. Daily Data for the Month/Year of: May /2011

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	✓	24	38 000										1.0	BT	
2	✓	24	31 000										1.1		
3	✓	24	46 000										1.0		
4	✓	24	26 000										1.1		
5	✓	24	45 000										1.2		
6	✓	24	27 000										0.8		
7		24	45 000												
8	✓	24	45 000										1.2		
9	✓	24	21 000										1.0		
10	✓	24	43 000										0.7		
11	✓	24	45 000										0.4		
12	✓	24	37 000										0.6		
13	✓	24	41 000										0.9		
14		24	42 000												
15	✓	24	43 000										1.0		
16	✓	24	27 000										0.8		
17	✓	24	20 000										0.6		
18	✓	24	49 000										0.2		
19	✓	24	33 000										1.7		
20	✓	24	30 000										1.0		
21		24	51 000												
22	✓	24	51 000										1.1		
23	✓	24	29 000										1.0		
24	✓	24	25 000										1.0		
25	✓	24	39 000										1.1		
26	✓	24	41 000										0.7		
27	✓	24	26 000										1.0		
28		24	32 000												
29	✓	24	33 000										0.5		
30	✓	24	27 000										0.8		
31	✓	24	34 000										0.9		
Total			1122 000												
Average			36 000												
Maximum			51 000												

**DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORTING FORMAT**

(62-550.730 Reporting Format Effective 01/1995, Revised 02/2010)

Tri-Tech Analytical Laboratories, Inc
7240 Old Cheney Hwy
Orlando, Florida 32807
JOH# E83294

Report Number: 1105-Sub-Contract Lab ID: Rejo Today

Analysis Requested: (check all that apply)

☒ Total Coliform/E. coli ☐ Total Coliform/Fecal ☐ Enterococci ☐ Coliphage ☐ HPC ☐ Other:
Public Water System (PWS) Name: Shangri-LaPWS I.D. 3354028PWS Address: 100 Shangri-La BlvdCity: LeesburgPWS or PWS Owner's Phone #: 352-787-2493Fax #: 352-326-8758Collector: Don HarrisCollector's Phone #: 352-787-2493

Type of Supply: (check only one)

☐ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other:

Reason for Sampling: (check all that apply)

☐ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☒ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other: Day 2
Sample Collection Date: 16 May 2011

To be completed by collector of sample						To be completed by lab				
Sample #	Sample Point (Location or Specific Address)	Sample Collection Time	Sample Type	Disinfectant Residual (mg/L)	pH	Analysis Method(s): <u>9222Bmf</u>				
						Non-Coliform	Total Coliform	Fecal, E. coli, Enterococci, or Coliphage	Data Qualifier	Lab Sample #
1	Clubhouse H.B.	1200	D	0.8			A			1
2	Office H.B.	1207	D	0.7			A			2
3										
4										
5										
6										
7										

Average of disinfectant residuals for distribution routine & repeat samples: Free chlorine= 0.8

Disinfectant Residual Analysis Method:

☒ DPD Colorimetric ☐ Other:

Person performing disinfectant analysis is (see instructions on reverse):

☐ A certified operator (# _____)
☒ Supervised by certified operator (# 0002241)
☐ Employed by a certified lab ☐ Employed by DEP or DOH
☐ Authorized representative of supplier of water

General Utilities Corporation
P.O. Box 491221
Leesburg, FL 34749-1221

INITIALS DHLab Receipt Date & Time: 5-16-11 1615Analysis Date & Time: 5-16-11 1630

Sample Acceptance Criteria:

Sample Preservation: ☒ On Ice ☐ Not On Ice ☐ _____ °CDisinfectant Check: ☐ Not Detected ☐ _____ mg/L

This sample does not meet the following NELAC requirements

DEP/DOH USE ONLY

☐ Satisfactory
☐ Replacement Samples Required
☐ Incomplete Collection Information
☐ Repeat Samples Required

Date Reviewed by DEP/DOH: _____ DEP/DOH Reviewing Official: _____

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORTING FORMAT

(82-550,730 Reporting Format Effective 01/1995, Revised 02/2010)

Tri-Tech Analytical Laboratories, Inc
1240 Old Cheney Hwy
Orlando, Florida 32807
JOH# E83294

Report Number: 1105-

Sub-Contract Lab ID:

Analysis Requested: (check all that apply)

☒ Total Coliform/E. coli ☐ Total Coliform/Fecal ☐ Enterococci ☐ Coliphage ☐ HPC ☐ Other:

Public Water System (PWS) Name: Shangri-La

PWS I.D. 3354028

PWS Address: 100 Shangri-La Blvd

City: Leesburg

PWS or PWS Owner's Phone #: 352-787-2493

Fax #: 352-326-8756

Collector: Don Armi

Collector's Phone #: 352-787-2493

Type of Supply: (check only one)

☐ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System
☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other:

Reason for Sampling: (check all that apply)

☐ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey
☒ Clearance ☐ Replacement (also check type of sample being replaced) ☐ Boil Water Notice ☐ Other: Day 1

Sample Collection Date: 15 May 2011

To be completed by collector of sample						To be completed by lab				
Sample #	Sample Point (Location or Specific Address)	Sample Collection Time	Sample Type ¹	Disinfectant Residual (mg/L)	pH	Analysis Method(s) ²				
1	Clubhouse H.B.	1000	D	0.9		Non-Coliform	Total Coliform	Fecal, E. coli, Enterococci, or Coliphage ³	Data Qualifier ⁴	Lab Sample #
2	Office H.B.	1010	D	1.0			A			1
3							A			2
4										
5										
6										
7										

Average of disinfectant residuals for distribution routine & repeat samples:

Free chlorine= 1.0

Disinfectant Residual Analysis Method:

☒ DPD Colorimetric ☐ Other:

Person performing disinfectant analysis is (see instructions on reverse):

☐ A certified operator (# _____)
☒ Supervised by certified operator (# 0002241)
☐ Employed by a certified lab ☐ Employed by DEP or DOH
☐ Authorized representative of supplier of water

General Utilities Corporation
P.O. Box 491221
Leesburg, FL 34749-1221

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date and time PWS notified by lab of positive results: _____

Date and time DEP/DOH notified by lab of positive results: _____

Date Report Issued: _____

Lab Signature: _____

Title: _____

DEP/DOH USE ONLY

- ☐ Satisfactory
☐ Replacement Samples Required
☐ Incomplete Collection Information
☐ Repeat Samples Required

Date Reviewed by DEP/DOH: _____ DEP/DOH Reviewing Official: _____

- ☐ Incomplete Collection Information
☐ Repeat Samples Required

Date Reviewed by DEP/DOH: _____ DEP/DOH Reviewing Official: _____

For Sample Types see Instructions Item 114.

For Analysis Methods see Instructions Item 114.

Please circle appropriate selection.

Adapted to Florida Administrative Code Rule 62-160, Table 1.

For Sample Types see Instructions Item 114.

For Analysis Methods see Instructions Item 114.

Please circle appropriate selection.

Adapted to Florida Administrative Code Rule 62-160, Table 1.



Annual Drinking Water Quality Report
A Publication for Shangri-La by the Lake
PWS ID 3354028
Report for year 2010
Prepared 2011

We are pleased to present you with this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we have delivered to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water is produced by two (2) groundwater wells that draws water from the Floridan Aquifer, aerated for taste and odor control and is disinfected by chlorination.

If you have any questions concerning your water utility, please contact Shangri-La by the Lake Water Treatment Division

at (352-589-7744) between the hours of 8:00 a.m. and 5:00 p.m. We want our valued customers to be informed about their water utility.

Shangri-La by the Lake routinely monitors for contaminants in your drinking water according to Federal and State laws.

The state allows us to monitor for some contaminants less than once per year because the concentration for these contaminants do not change frequently. Except when indicated otherwise, this report is based on the results for the period January 1 to December 31, 2010. All water analyses are the most recent sampling in accordance with the Safe Water Drinking Act.

In this table, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/L): One part by weight of analyte to 1 million parts by weight of water sample.

Parts per billion (ppb) or Micrograms per liter (ug/l): One part by weight of analyte to 1 billion parts by weight of water sample.

Picocurie per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

N/A: means not applicable.

Maximum Contaminant Level (MCL): The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG): The "Goal" (MCLG) is the level of a contaminant in drinking water below that there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum Residual Disinfectant Level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG: The level of a drinking water disinfectant below that there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Range: Indicates the lowest and highest analysis result.

FDEP: Florida Department of Environmental Protection

USEPA: United States Environmental Protection Agency.

IDSE: Initial Distribution System Evaluation. The IDSE is a one-time study conducted by water systems to identify distribution system locations with high concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). Water systems will use results from the IDSE, in conjunction with their Stage 1 Disinfection Compliance Monitoring Data (DBPR), to select compliance monitoring locations for the Stage 2 DBPR.

TEST RESULTS TABLE

Results in the "Level Detected" column for Radiological and Inorganic contaminants are from individual samples.

Radioactive Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Alpha emitters (pCi/l)	8/2009	N	3.9	N/A	0	15	Erosion of natural deposits

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	4/2009	N	0.011	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	4/2009	N	0.11	N/A	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.2 ppm
Sodium (ppm)	4/2009	N	8.9	N/A	N/A	160	Salt water intrusion, leaching from soil

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

For bromate, chloramines, or chlorine, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. For haloacetic acids or TTHM, the level detected is the highest RAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly or is the average of all samples taken during the year if the system monitors less frequently than quarterly. Range of results is the range of individual sample results (lowest to highest) for all monitoring locations, including Initial Distribution System Evaluation (IDSE) results as well as Stage 1 compliance results.

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of results	MCLG Or MRDLG	MCL Or MRDL	Likely Source of Contamination
Chlorine (ppm)	1-12/2010	N	1.0	0.6-1.2	MRDLG =4	MRDL =4.0	Water additive to control microbes
Haloacetic Acids (HAA5) (ppb)	8/2009	N	11	N/A	N/A	MCL= 60	By-product of drinking water disinfection
TTHM (total trihalomethanes) (ppb)	8/2009	N	26.5	N/A	N/A	MCL= 80	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	AL Violation Y/N	90 th Percentile Results	No. of sampling sites exceeding the AL	MCLG	AL (action level)	Likely source of contamination
Copper (tap water) (ppm)	6/2008	N	0.15	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservative
Lead (tap water) (ppb)	6/2008	N	0.8	0	0	15	Corrosion of household plumbing systems; erosion of natural deposits

* The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land and through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- (A): Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock, and wildlife.
- (B): Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- (C): Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- (D): Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- (E): Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the US Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two (2) liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

In 2009 the department of Environmental Protection performed a Source Water Assessment. The assessments were conducted to provide information about any potential sources of contamination in the vicinity of our wells. A search of the data sources indicated no potential sources of contamination. The assessment data is available on the FDEP website link is www.dep.state.fl.us/swapp/.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA and the Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

We at Shangri-La by the Lake work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Shangri-La by the Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

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FLORIDA RURAL WATER ASSOCIATION**2970 Wellington Circle West, Suite 101****Tallahassee, FL 32308****1-800-872-8207****WEIR OR FLUME CALIBRATION****Flow Values Obtained by Using a Weir or Flume****FACILITY NAME & ID: Shangri-La by the Lake / Fla#010521****FACILITY LOCATION: 100 Shangri-la Blvd. Leesburg, FL Lake County****PRIMARY DEVICE**

V-NOTCH WEIR	PARSHALL FLUME	RECTANGULAR WEIR
DEGREE OF V-NOTCH	WIDTH OF THROAT (IN)	CREST LENGTH (FT)
22.5°	N/A	N/A

Gauge setting comparison using yardstick or carpenter's rule:**X ☐ Satisfactory ☐ Unsatisfactory****Physical inspection of primary device approach, device and discharge:****X ☐ Satisfactory ☐ Unsatisfactory****SECONDARY DEVICE****TYPE: Ultrasonic****MAKE/MODEL/SERIAL: Greyline SLT 32 S#26993****DATE OF LAST CALIBRATION: 10/06/05**

	LOW FLOW	MODERATE FLOW	HIGH FLOW
STAFF GAGE READING (ft)	0	2 3/4"=.2292'	5 1/2"=.4167'
ACTUAL FLOW (gpm)	0	5.5 gpm	24.5 gpm
TOTALIZER READING(gpm)	0	6.0	25
PERCENT DIFFERENCE (%)	0	8.34%	2%

Physical Inspection of Secondary Device:**X ☐ Satisfactory ☐ Unsatisfactory****Totalizer Accuracy Check Using Stopwatch:****☐ Satisfactory ☐ Unsatisfactory****COMMENTS:** _____**I hereby certify that the above test was performed in accordance with the best available technology.****TECHNICIAN SIGNATURE:** **DATE: 03/13/06****Fred Bravo FRWA 1-800-872-8207**

FLORIDA RURAL WATER ASSOCIATION
2970 Wellington Circle West, Suite 101
Tallahassee, FL 32308
1-800-872-8207

WEIR OR FLUME CALIBRATION
Flow Values Obtained by Using a Weir or Flume

FACILITY NAME & ID: Shangri-La by the Lake/Fls010521/0.05 mgd
FACILITY LOCATION: 100 Shangri-La Blvd. Leesburg, FL Lake County
CONTACT PERSON: Andrew Warner 352-589-7744

PRIMARY DEVICE

V-NOTCH WEIR	PARTIAL FLUME	RECTANGULAR WEIR
DEGREE OF V-NOTCH	WIDTH OF THROAT (IN)	CREST LENGTH (FT)
22.5°	N/A	N/A

Gauge setting comparison using yardstick or carpenters rule:

X ☐ Satisfactory ☐ Unsatisfactory

Physical inspection of primary device approach, device and discharge:

X ☐ Satisfactory ☐ Unsatisfactory

SECONDARY DEVICE

TYPE: Ultrasonic

MAKE/MODEL/SERIAL: Grayline S.L.T 32, S#26993

DATE OF LAST CALIBRATION: 03/13/06

	LOW FLOW	MODERATE FLOW	HIGH FLOW
STAFF GAGE READING (ft)	0	.2083	.7292
ACTUAL FLOW (gpm)	0	3.99	98.14
METERED FLOW (gpm)	0	4.5	93
PERCENT DIFFERENCE (%)	0	11.34 %	5.2 %

Physical Inspection of Secondary Device:

X ☐ Satisfactory ☐ Unsatisfactory

Totalizer Accuracy Check Using Stopwatch:

X ☐ Satisfactory ☐ Unsatisfactory

COMMENTS: _____

I hereby certify that the above test was performed in accordance with the best available technology.

TECHNICIAN SIGNATURE: 

DATE: 03/09/07 **TIME:** 8:30 am

Fred Bravo FRWA 1-800-872-8207

FLORIDA RURAL WATER ASSOCIATION

2970 Wellington Circle West, Suite 101

Tallahassee, FL 32308

1-800-872-8207

WEIR OR FLUME CALIBRATION

Flow Values Obtained by Using a Weir or Flume

FACILITY NAME & ID: Shangri-La / FLA010501

FACILITY LOCATION: 100 Shangri-La Blvd. Leesburg, FL 34788

PRIMARY DEVICE

V-NOTCH WEIR	PARSHALL FLUME	RECTANGULAR WEIR
DEGREE OF V-NOTCH	WIDTH OF THROAT (IN)	CREST LENGTH (FT)
22.5°		

Gauge setting comparison using yardstick or carpenters rule:

☒ Satisfactory ☐ Unsatisfactory

Physical inspection of primary device approach, device and discharge:

☒ Satisfactory ☐ Unsatisfactory

SECONDARY DEVICE

TYPE: Ultrasonic

MAKE/MODEL/SERIAL: Greyung / SLT32 / 26993

DATE OF LAST CALIBRATION: UNC

	LOW FLOW	MODERATE FLOW	HIGH FLOW
STAFF GAGE READING (ft)	1.16	1.33	1.43
ACTUAL FLOW (cfs)	2.284	13.95	27.04
TOTALIZER OR RECORDER READING (cfs)	2.390	12.89	24.72
PERCENT DIFFERENCE (%)	4.5%	7.6%	8.6%

Physical Inspection of Secondary Device:

☒ Satisfactory ☐ Unsatisfactory

Totalizer Accuracy Check Using Stopwatch:

☒ Satisfactory ☐ Unsatisfactory

COMMENTS:

I hereby certify that the above test was performed in accordance with the best available technology.

TECHNICIAN SIGNATURE:

[Signature]

DATE: 12/16/06

Ron Thomas FRWA 1-800-872-8207

FLORIDA RURAL WATER ASSOCIATION
2970 Wellington Circle West, Suite 101
Tallahassee, FL 32308
1-800-872-8207

WEIR OR FLUME CALIBRATION
Flow Values Obtained by Using a Weir or Flume

FACILITY NAME & ID: Shangri-La by the Lake/Fls010821/0.05 mgd
FACILITY LOCATION: 100 Shangri-La Blvd. Leesburg, FL Lake County

PRIMARY DEVICE

V-NOTCH WEIR	PARSHALL FLUME	RECTANGULAR WEIR
DEGREE OF V-NOTCH	WIDTH OF THROAT (IN)	CREST LENGTH (FT)
31.5°	N/A	N/A

Gauge setting comparison using yardstick or carpenter's rule:

☒ Satisfactory ☐ Unsatisfactory

Physical inspection of primary device approach, device and discharge:

☒ Satisfactory ☐ Unsatisfactory

SECONDARY DEVICE

TYPE: Ultrasonic
MAKE/MODEL/SERIAL: Grayline SLT 32, Ss#26993
DATE OF LAST CALIBRATION: 03/12/04

	LOW FLOW	MODERATE FLOW	HIGH FLOW
STAFF GAGE READING (ft)	.23	.27	.29
ACTUAL FLOW (gpm)	5.659	9.323	10.10
METERED FLOW (gpm)	5.380	8.449	11.10
PERCENT DIFFERENCE (%)	4.9%	9.37%	9.9%

Physical Inspection of Secondary Device:

☒ Satisfactory ☐ Unsatisfactory

COMMENTS:

I hereby certify that the above test was performed in accordance with the best available technology.

TECHNICIAN SIGNATURE: Ron Thomas DATE: 8/10/10
Ron Thomas FRWA 1-800-872-8207

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

PERMIT NUMBER: FLA010521

FACILITY NAME: Shangri-La By The Lake WWTF

FACILITY LOCATION: Leesburg
Lake County

NAME OF PERMITTEE: Shangri-La By The Lake Utilities, Inc.

PERMIT WRITER: Arthur E. Torvela, P.E.

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

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

Land Application System **R-001(Sprayfield)** slow-rate restricted public access (except subsurface):

Parameter	Limit	Basis	Rationale
Flow (Total Flow) (MGD) ¹	0.050	Annual Average	62-600.400(3)(b) FAC
Flow (Backup RIB) (MGD) ²	0.013	Annual Average	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (MG/L)	20.0	Annual Average	62-610.410 & 62-600.740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (MG/L)	20.0	Annual Average	62-610.410 & 62-600.740(1)(b)1.a. FAC
	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
	60.0	Single Sample Max.	62-600.740(1)(b)1.d. FAC
pH (SU)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC
Coliform, Fecal (#/100ML)	200	Annual Average	62-610.410 & 62-600.440(4)(c)1. FAC
	200	Monthly Geo. Mean	62-600.440(4)(c)2. FAC
	400	90th Percentile	62-600.440(4)(c)3. FAC
	800	Single Sample Max.	62-600.440(4)(c)4. FAC
Total Residual Chlorine (For Disinfection) (MG/L)	0.5	Minimum	62-610.410 & 62-600.440(4)(b) FAC

1. 1. Total Flow (Sprayfield + Backup RIB)
2. 2. Backup RIB for wet weather conditions
3. 3. Secondary treatment and basic disinfection required pursuant to Rule 62-610.510(1) FAC
- 4.

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

Other Limitations and Monitoring Requirements:

Parameter	Limit	Basis	Rationale
BOD, Carbonaceous 5 day, 20C (MG/L)	Report	Annual Average	62-601.300(1) FAC
Solids, Total Suspended (MG/L)	Report	Annual Average	62-601.300(1) FAC
Percent Capacity (TMADF/Permitted Capacity) x 100 (PERCENT)	Report	Monthly Average	62-600.405(4) FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

Influent monitoring reduced to annually in accordance with Rule 62-601.300(6) FAC

2. RESIDUALS MANAGEMENT

The method of residuals use or disposal by this facility is transport to Central Process Residuals Management Facility (RMF), or disposal in a Class I or II solid waste landfill.

3. GROUND WATER MONITORING REQUIREMENTS

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

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

This section is not applicable to this facility

5. 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.

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

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

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

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

8. APPLICABLE RULES

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

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

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

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

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

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

- d. BPJ refers to Best Professional Judgment

9. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Proposed Issuance Date of Permit:

September 13, 2006



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

January 14, 2009

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

OCD-C-WW-09-0035

ATTENTION ANDREW R WERNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF
Wastewater Facility - Permit No. FLA010521
Noncompliance Letter

Dear Mr. Werner:

On December 10, 2008, Department personnel conducted a compliance sampling inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. The traveling sludge return was not functioning properly.
2. The catwalks/handrails were very rusty and unsafe.
3. The last calibration date on the flow meter was March 9, 2007. Flow measuring devices must be calibrated at least annually.

Items number 1 and 2 above, were also noted in the noncompliance letter number OCD-C-WW-08-0142, dated February 15, 2008 and the noncompliance letter number OCD-C-WW-07-0168, dated February 19, 2007.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Blake Vahlsing at (407) 893-3313.

Sincerely,

Kalina Warren
Supervisor
Wastewater Compliance/Enforcement

KW/bv/ar

Enclosure: Inspection Report

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us

General Utilities, generalutilities@aol.com

Wicks Consulting, RLewis@wicksconsulting.com

"More Protection, Less Process"

www.dep.state.fl.us

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Shangri-La By The Lakes WWTF	FLA010521	Lake	12/10/2008 @ 11:30:00 AM
100 Shangri-La Blvd.		Phone	@ Exit Date/Time
Leesburg, FL 34788			12/10/2008 @ 12:05:00 PM
Name(s) of Field Representatives(s)	Title	Phone	
Gawaine Murray	General Utilities operator	(352) 235-0191	
Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Andrew Werner	Manager	(352) 589-7744	
Shangri-La By The Lakes Utilities Inc.			
100 Shangri-La Blvd.			
Leesburg, FL 34788			

Inspection Type	<input type="checkbox"/> C	<input type="checkbox"/> S	<input type="checkbox"/> I	Samples Taken(Y/N): N	@ Sample ID#:	Samples Split (Y/N):
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	Were Photos Taken(Y/N): N		@ Log book Volume : VII	@ Page 157-158	

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; NC: Out of Compliance; SC: Significant out of Compliance; NA: Not Applicable; NE or Blank: Not Evaluated
 Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NE	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NE	4. Sampling	NC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	SC	8. ♦ Operation & Maintenance	IC	11. Residuals/Sludge
	13. Other:					NA	12. Groundwater

Facility and/or Order Compliance Status:	<input type="checkbox"/> In-Compliance	<input type="checkbox"/> Out-Of-Compliance	<input checked="" type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Noncompliance letter			

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Blake W. Vahlsing <i>Blake W. Vahlsing</i>	Central District Office 407 – 893-3313	January 9, 2009
@ Signature of Reviewer	District Office/Phone Number	Date
Kalina Warren <i>Kalina Warren</i>	Central District Office 407 – 893-3313	January 12, 2009

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI, ASI, ANI)

Transaction Code	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N 5			1	2	3
ADDITIONAL NPDES COMMENTS					

Inspection Type (Field 1) A:PAI, B:CBI, C:CEI, S:CSI, X:XSI, R:RI, \:ASI, =:ANI
 Inspection Code (Field 2): S: State, J: Joint EPA/State-EPA Lead, T: Joint State/EPA-State Lead, L: Local Program
 Facility Type (Field 3): 1: Municipal (Publicly Owned), 2: Industrial and Privately Owned Domestic, 3: Agricultural, 4: Federal
 Every other field is self explanatory

INSPECTION FINDINGS

Facility Name: Shangri-La by the Lake WWTF

Facility ID: FLA010521

Inspection Type: CSI

Date: 12/10/2008 11:30:00 AM

FACILITY BACKGROUND:

Address: 100 Shangri-La Blvd, Leesburg, FL 34788, LAKE COUNTY

Permit Information: Wastewater Permit issued: 9/22/2006, and expires: 9/12/2011.

Treatment Summary: Extended aeration treatment plant with effluent to a percolation pond and sprayfield.

Permitted Capacity: 0.05 MGD

1. Permit: IN COMPLIANCE

1.1 Observation: A copy of the permit was on-site. It expires September 12, 2011.

2. Compliance Schedules: NOT APPLICABLE

3. Laboratory: NOT EVALUATED

4. Sampling: NOT EVALUATED

5. Records and Reports: OUT OF COMPLIANCE

5.1 Observation: Entries in the operator log were clear, concise, informative, and relevant.

5.2 Observation: The logbook was bound. **The pages were not numbered pages.**

5.3 Observation: A copy of the current laboratory certification was on-site (Tri Tech Laboratories). It expires June 30, 2009.

5.4 Observation: Copies of the operator certification were on-site. They expire April 30, 2009.

5.5 Observation: A copy of the Operation & Maintenance manual was on-site.

5.6 Observation: The RPZ was last inspected on September 8, 2008.

5.7 DMR review: December 2007 – November 2008: All DMRs were received by the Department on time.

5.8 DMR review: No major discrepancies or transcription errors were noted during the period reviewed.

5.9 DMR review: Annual influent TSS and influent CBOD samples were last collected in January 2008.

6. Facility Site Review: OUT OF COMPLIANCE

6.1 Observation: *The facility grounds were clean and well maintained.*

6.2 Observation: The facility grounds were secured properly.

6.3 Observation: *Aeration Basins/Act. Sludge* - The contents in the aeration chambers appeared to be adequately mixed. The bays were receiving sufficient air.

6.4 Observation: *Blowers/Motors* –Working well. The motor had a belt guards.

6.5 Observation: *Clarifiers* - **The clarifier was extremely murky and had debris on the surface. There was rusted pieces of metal had fallen into the weir.**

6.6 Observation: *Clarifiers* – **The traveling bridge was not functioning as intended. The cogs were rusted out or broken off, and the traveling bridge could barely move.** The surface of the clarifier clear, and the weir appeared in good condition.

6.7 Observation: *Disinfection* - The chlorine contact chamber was clean, and the effluent leaving the plant was clear. The chlorine pump was working and the weir was receiving a steady drip of liquid chlorine.

6.8 Observation: *Digester*- The digester appeared in good condition. The contents of the digester appeared to be mostly liquids.

7. Flow Measurement: OUT OF COMPLIANCE

7.1 Observation: **The effluent flow meter was last calibrated on March 9, 2007. Flow measuring devices must be calibrated at least annually.**

8. Operation and Maintenance: SIGNIFICANT OUT OF COMPLIANCE

- 8.1 Observation: The facility is extremely rusty and the structural safety of the plant is questionable. The catwalks are very rusty and unsafe.
- 8.2 Observation: This deficiency was listed in Noncompliance Letter OCD-C-WW-08-0142, dated February 15, 2008. In the response received April 16, 2008, the operator stated that Wicks Consulting Services was preparing a permit application to address the catwalk and handrail safety issue. The Department does not have records of receiving a permit application from the facility.

9. Effluent Quality: IN COMPLIANCE

- 9.1 DMR review: No violations were reported during the review period.
- 9.2 Field sample: TRC: 1.05 mg/L
- 9.3 Field sample: pH: 6.85
- 9.4 Field sample: TSS: 6 mg/L
- 9.5 Field sample: Nitrate: 3.1 mg/L
- 9.6 Field sample: Fecal Coliform: <1 fcc/100mL
- 9.7 Field sample: CBOD: 0.20 mg/L

10. Effluent Disposal: IN COMPLIANCE

- 10.1 Observation: The percolation pond was well cut. The pond had some water inside.
- 10.2 Observation: The sprayfield was mostly covered with growth. All sprayheads appeared to be working properly.
- 10.3 Observation: Advisory signs were posted around the percolation pond and sprayfield. The area was completely fenced.

11. Residuals/Sludge: IN COMPLIANCE

- 11.1 Observation: The facility has a hauling contract with American Pipe & Tank. The last haul from the facility was November 17, 2008 of 7,100 gallons.

12. Groundwater Quality: NOT APPLICABLE



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

February 15, 2008

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

OCD-C-WW-08-0142

ATTENTION ANDREW R WERNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF
Wastewater Facility - Permit No. FLA010521
Noncompliance Letter

Dear Mr. Werner:

On January 16, 2008, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. The traveling sludge return was not functional.
2. The hyperchlorinator was running but no chlorine was being delivered to the clarifier weir.
3. At the time of the inspection, the Total Residual Chlorine (TRC) was 0.04 milligrams per Liter (mg/L), which is less than the minimum of 0.5 mg/L as required.
4. The catwalks/handrails were very rusty and unsafe.
5. The sprayfield did not have a cover crop in some areas. As a result, ponding was noted.

Items number 1, 2, 4, and 5, above, were also noted in the Noncompliance Letter Number OCD-C-WW-07-0168, dated February 19, 2007, which is enclosed. According to a response letter from Thomas Felton with General Utilities Corporation on April 23, 2007, all repairs had been completed.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Blake Vahlsing at (407) 893-3313.

Sincerely,

Kalina Warren
Supervisor
Wastewater Compliance/Enforcement

KW/bv/ar

Enclosures: Inspection Report

Noncompliance Letter Number OCD-C-WW-07-0168

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us
General Utilities, generalutilities@aol.com
Wicks Consulting, RLewis@wicksconsulting.com

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility Shangri-La By The Lakes WWTF 100 Shangri-La Blvd. Leesburg, FL 34788	WAFR ID: FLA010521	County Lake Phone	Entry Date/Time 01/16/2008 @ 11:15:00 AM @ Exit Date/Time 01/16/2008 @ 12:05:00 PM
Name(s) of Field Representatives(s) Tom Felton	Title General Utilities operator	Phone (352) 267-1358	
Name and Address of Permittee or Designated Representative Andrew Werner Shangri-La By The Lakes Utilities Inc. 100 Shangri-La Blvd. Leesburg, FL 34788	Title Manager	Phone (352) 589-7744	@ Operator Certification #

Inspection Type	<input type="checkbox"/> C <input type="checkbox"/> E <input type="checkbox"/> I	Samples Taken(Y/N): N	@ Sample ID#:	Samples Split (Y/N):
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	Were Photos Taken(Y/N): Y	@ Log book Volume : VI	@ Page 246-247

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; NC: Out of Compliance; SC: Significant out of Compliance; NA: Not Applicable; NE or Blank: Not Evaluated
Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NE	3. Laboratory	NC	6. Facility Site Review	NC	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NE	4. Sampling	IC	7. Flow Measurement	NC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	NC	8. ♦ Operation & Maintenance	IC	11. Residuals/Sludge
	13. Other:					NA	12. Groundwater

Facility and/or Order Compliance Status: <input type="checkbox"/> In-Compliance <input checked="" type="checkbox"/> Out-Of-Compliance <input type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Noncompliance letter

Name(s) and Signature(s) of Inspector(s) Blake W. Vahlsing <i>Blake W. Vahlsing</i>	District Office/Phone Number Central District Office 407 - 893-3313	Date February 11, 2008
@ Signature of Reviewer Kalina Warren <i>Kalina Warren</i>	District Office/Phone Number Central District Office 407 - 893-3313	Date February 12, 2008

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI, ASI, ANI)

Transaction Code	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N 5			1	2	3

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1) A:PAI, B:CBI, C:CEI, S:CSI, X:XSI, R:RI, \:ASI, =:ANI
 Inspection Code (Field 2): S: State, J: Joint EPA/State-EPA Lead, T: Joint State/EPA-State Lead, L: Local Program
 Facility Type (Field 3): 1: Municipal (Publicly Owned), 2: Industrial and Privately Owned Domestic, 3: Agricultural, 4: Federal
 Every other field is self explanatory

INSPECTION FINDINGS

Facility Name: Shangri-La By The Lake WWTF

Facility ID: FLA010521

Inspection Type: CEI

Date: 1/16/2008 11:15:00 AM

FACILITY BACKGROUND:

Address: 100 Shangri-La Blvd, Leesburg, FL 34788, LAKE COUNTY

Permit Information: Wastewater Permit issued: 9/22/2006, and expires: 9/12/2011.

Treatment Summary: Extended aeration treatment plant with effluent to a percolation pond and sprayfield.

Permitted Capacity: 0.05 MGD

1. Permit: IN COMPLIANCE

1.1 Observation: A copy of the permit was on-site. It expires September 12, 2011.

2. Compliance Schedules: NOT APPLICABLE

3. Laboratory: NOT EVALUATED

4. Sampling: NOT EVALUATED

5. Records and Reports: OUT OF COMPLIANCE

5.1 Observation: Entries in the operator log were clear, concise, informative, and relevant.

5.2 Observation: The logbook was bound. **The pages were not numbered pages.**

5.3 Observation: A copy of the current laboratory certification was on-site (Tri Tech Laboratories). It expires June 30, 2008.

5.4 Observation: Copies of the operator certification were on-site. They expire April 30, 2009.

5.5 Observation: A copy of the Operation & Maintenance manual was on-site.

5.6 Observation: The RPZ was last inspected on September 4, 2007.

5.7 DMR review: December 2006 – November 2007: All DMRs were received by the Department on time.

5.8 DMR review: No major discrepancies or transcription errors were noted during the period reviewed.

6. Facility Site Review: OUT OF COMPLIANCE

6.1 Observation: The facility grounds were clean and well maintained.

6.2 Observation: The facility grounds were secured properly.

6.3 Observation: *Aeration Basins/Act. Sludge* - The contents in the aeration chambers appeared to be adequately mixed. The bays were receiving sufficient air.

6.4 Observation: *Blowers/Motors* – Working well. The motor had a belt guards.

6.5 Observation: *Clarifiers* - **The clarifier was extremely murky and had debris on the surface. There was rusted pieces of metal had fallen into the weir.**

6.6 Observation: *Clarifiers* – **The traveling bridge was not functioning as intended. The cogs were rusted out or broken off, and the traveling bridge could not move.**

6.7 Observation: *Disinfection* - The chlorine contact chamber was slightly murky. The chlorine pump was working and liquid chlorine was on-site. However, **chlorine was not dripping from the feed tube.**

6.8 Observation: *Digester*- The digester appeared in good condition. The facility was wasting or returning at the time of the inspection.

7. Flow Measurement: IN COMPLIANCE

7.1 Observation: The effluent flow meter was last calibrated on March 9, 2007.

8. Operation and Maintenance: OUT OF COMPLIANCE

- 8.1 Observation: No problems or deficiencies were observed.
- 8.2 Observation: It was noted numerous times in the logbook that the traveling bridge was broken.
- 8.3 Observation: The facility is extremely rusty and the structural safety of the plant is questionable. The catwalks are very rusty and unsafe.

9. Effluent Quality: OUT OF COMPLIANCE

- 9.1 DMR review: No violations were reported during the review period.
- 9.2 Field sample: TRC: 0.04 mg/L

10. Effluent Disposal: OUT OF COMPLIANCE

- 10.1 Observation: The percolation pond was well cut. The pond was completely dry.
- 10.2 Observation: The sprayfield was not in use at the time of inspection. There were multiple bare spots on the sprayfield, and noted ponding in some areas. The sprayfield is used to store logs and piles of brush.
- 10.3 Observation: Advisory signs were posted around the percolation pond and sprayfield.

11. Residuals/Sludge: IN COMPLIANCE

- 11.1 Observation: The facility has a hauling contract with American Pipe & Tank. The last haul from the facility was February 28, 2007.

12. Groundwater Quality: NOT APPLICABLE



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

February 19, 2007

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

OCD-C-WW-07-0168

ATTENTION ANDREW R WERNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF
Wastewater Facility - Permit No. FLA010521
Noncompliance Letter

Dear Mr. Werner:

On January 30, 2007, Department personnel conducted a routine inspection of your wastewater facility. A copy of the inspection report is enclosed for your review. During the course of the inspection, and/or determined from records on file in this office, the following deficiencies were noted:

1. A copy of the current laboratory certification was not on-site.
2. A broken coupling was causing an air leak in the lines.
3. Traveling bridge track teeth were missing and/or broken. Traveling bridge was not set in the track. As a result the traveling bridge was not functioning as intended. In addition, the hose on the skimmer arm was held in place with electrical tape.
4. The Return Activated Sludge (RAS)/Waste Activated Sludge (WAS) line gate was missing, as a result the facility was wasting and returning at the same time.
5. The hypochlorinator was running but no chlorine was being delivered to the clarifier weir.
6. The tank contents in the aerobic digester were not well mixed. There were broken and/or missing air lines in the digester.
7. The effluent pipe coupling was cracked.
8. Hand rails and catwalks were in disrepair providing for unsafe conditions.
9. The sprayfield did not have a cover crop in some areas, as a result effluent ponding was noted. In addition, the vegetation is not being harvested and removed from the sprayfield. Also, advisory signs were not posted around the sprayfield to designate the nature of the project area.

The plant is very rusty. Structural integrity is questionable in some areas. Please have your consulting engineer evaluate the plant's condition.

Please respond to these items, in writing, with a schedule of corrective action. Pursuant to Rule 62-4.100(2), F.A.C., failure to comply with pollution control rules shall be grounds for permit suspension or revocation and initiation of formal enforcement action. Your reply is requested within 14 days from the date of this letter. Your reply and any questions should be addressed to Michael J. Eckoff at (407) 893-3313.

Sincerely,



Kalina Warren
Supervisor
Wastewater Compliance/Enforcement

KW/mje/ar

Enclosure: Inspection Report
DEP Form 62-620.910(10)

cc: Lake County Water Resource Management, scatasus@co.lake.fl.us
General Utilities, generalutilities@aol.com

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Shangri-La By The Lake WWTF	FLA010521	Lake	1/30/2007 1:19:00 PM
100 Shangri-La Boulevard		Phone	@ Exit Date/Time
Leesburg, FL 34788			1/30/2007 2:35:00 PM
Name(s) of Field Representatives(s)	Title	Phone	
Andrew Werner	Manager		
Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Andrew Werner	Manager	(352) 589-7744	
Shangri-La By The Lake Utilities Inc			
100 Shangri-La Boulevard			
Leesburg, FL 34788			

Inspection Type	C	E	I	Samples Taken(Y/N): N	@ Sample ID#:	Samples Split (Y/N): N
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial			Were Photos Taken(Y/N): N	@ Log book Volume :	@ Page

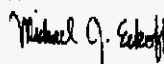

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; NC: Out of Compliance; SC: Significant out of Compliance; NA: Not Applicable; NE: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL	
IC	1. ♦ Permit	NE	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NE	4. Sampling	IC	7. Flow Measurement	NC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	NC	8. ♦ Operation & Maintenance	IC	11. Residuals/Sludge
NE	13. Other:					NA	12. Groundwater

Facility and/or Order Compliance Status:	<input type="checkbox"/> In-Compliance	<input checked="" type="checkbox"/> Out-Of-Compliance	<input type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Noncompliance Letter			

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Michael Eckoff 	CD/(407)894-7555	February 6, 2007
@ Signature of Reviewer	District Office/Phone Number	Date
Kalina Warren 	(407) 893-7875	February 16, 2007

Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI, ASI, ANI)

Transaction Code	NPDES Number	YR/MO/DA	Insp. Type	Inspector	Fac. Type
N	F L A 0 1 0 5 2 1	0 7 0 1 3 0	1	2 S	3

ADDITIONAL NPDES COMMENTS

Inspection Type (Field 1): A:PAI, B:CBI, C:CEI, S:CSI, X:XSI, R:RI, \:ASI, =:ANI

Inspection Code (Field 2): S:State, J:Joint EPA/State-EPA Lead, T:Joint State/EPA-State Lead, L:Local Program

Facility Type (Field 3): 1: Municipal (Publicly Owned), 2: Industrial and Privately Owned Domestic, 3: Agricultural, 4: Federal

INSPECTION FINDINGS

Facility Name: Shangri-La By The Lake

Facility ID: FLA010521

Inspection Type: CEI

Date: 1/30/2007 2:35:00 PM

FACILITY BACKGROUND:

Address: 100 Shangri-La Boulevard, Leesburg, FL 34788, Lake County

Permit Information: Wastewater Permit issued: 9/22/2006, and expires: 9/12/2011

Treatment Summary: Step Aeration Stp W/Effluent To A Percolation Pond And A Sprayfield

Permitted Capacity: 0.05 MGD

1. **Permit:** IN COMPLIANCE

1.1 Observation: A copy of the permit was onsite and available to plant personnel.

2. **Compliance Schedules:** NOT APPLICABLE

3. **Laboratory:** NOT EVALUATED

3.1 Observation: The laboratory is certified by the Department of Health.

Additional Comments: Tri-Tech Laboratory analyzes samples.

4. **Sampling:** NOT EVALUATED

5. **Records and Reports:** OUT OF COMPLIANCE

5.1 Observation: **General** - A review of the Discharge Monitoring Reports revealed the following.

Additional Comments: DMR Review Period: 11/05-11/06.

Not original signature: 11/05, 2/06, 7/06, and 8/06.

5.2 Observation: **General** - There were a few transcription errors found in the Discharge Monitoring Reports.

Additional Comments: TRC: 0.6 mg/L on Part A and 0.5 mg/L on Part B 11/05.

TSS: 2.9 mg/L on Part A and 8.0 mg/L on Part B 11/06.

pH: 7.3 SU (min.) on Part A and 7.2 SU (min.) on Part B 11/06.

5.3 Observation: **General** - Monitoring results were not submitted on the proper Discharge Monitoring Report form.

Additional Comments: 11/06.

5.4 Observation: **General** - Entries in the operator log were clear, concise, informative, and relevant.

5.5 Observation: **General** - A copy of the current laboratory certification was not available at the time of the inspection (62-620.350(1) F.A.C.).

5.6 Observation: **General** - Operators' certification(s) were current and available on-site.

6. **Facility Site Review:** OUT OF COMPLIANCE

6.1 Observation: **General** - The facility grounds were secured properly.

6.2 Observation: **Backflow Prevention** - A reduced pressure zone backflow prevention device was in place on the potable water supply line.

6.3 Observation: **Aeration Basins/Act.Sludge** - The contents in the aeration chambers appeared to be adequately mixed.

6.4 Observation: **Aeration Basins/Act.Sludge** - Please see specific comment

Additional Comments: A broken coupling was causing an air leak in the lines.

6.5 Observation: **Clarifiers** - Please see specific comment

Additional Comments: Turbid with some grease balls.

Skimmer arm: hose being held with electrical tape.

Traveling bridge track teeth were missing/broken. Traveling bridge was not set in the track. As a result the traveling bridge was not functioning as intended.

RAS/WAS line gate was missing, as a result the facility was wasting and returning at the same time.

6.6 Observation: *Disinfection* - Please see specific comment

Additional Comments: The hypochlorinator was running but no chlorine was being delivered to the clarifier weir.

6.7 Observation: *Digestors* - The tank contents in the aerobic digester were not well mixed.

Additional Comments: There were broken/missing air lines in the digester.

7. Flow Measurement: IN COMPLIANCE

7.1 Observation: The copy of the flow calibration report is current and satisfactory.

Additional Comments: FRWA 3/13/2006.

8. Operation and Maintenance: OUT OF COMPLIANCE

8.1 Observation: *General* - Please see specific comment

Additional Comments: The plant is very rusty. Structural integrity is questionable in some areas. Please have your consulting engineer evaluate the plant's structural integrity.

Effluent pipe coupling was cracked.

8.2 Observation: *General* - Hand rails/Catwalks were in disrepair providing for unsafe conditions.

Additional Comments: Rusted through catwalk. Some hand rails not secure.

9. Effluent Quality: IN COMPLIANCE

9.1 Observation: Discharge monitoring reports reviewed during the inspection revealed no effluent violations.

Additional Comments: DMR Review Period: 11/05-11/06.

10. Effluent Disposal: OUT OF COMPLIANCE

10.1 Observation: The disposal ponds were overgrown with vegetation.

10.2 Observation: Please see specific comment

Additional Comments: Sprayfield did not have a cover crop in some areas.

The vegetation is not being harvested and removed from the sprayfield.

Effluent ponding was noted on the sprayfield.

10.3 Observation: Advisory signs were not posted around the disposal site indicating the nature of the project area.

11. Residuals/Sludge: IN COMPLIANCE

11.1 Observation: *General* - No problems or deficiencies were observed.

Additional Comments: The facility has an agreement with Central Process RMF.

12. Groundwater Quality: NOT APPLICABLE

12.1 Observation: The facility is exempt from ground water monitoring in accordance with Rule 62-522.600, F.A.C.

13. Other: NOT EVALUATED

General Utilities Corporation
7621 Frog Log
Leesburg, FL 34748

Tele: 352-787-2493
FAX: 352-326-8756

19 February 2009

Department of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803

Attn: Blake Vahlsing
Wastewater Compliance

Re: Letter #OCD-C-WW-09-0035
Shangri-la WWTF
Permit #FLA010521

Dear Mr. Vahlsing:

Thank you for your most recent inspection of 10 December 2008.

The following is a response to the concerns noted:

1. The traveling bridge is not repairable due to the deteriorated condition of the steel tank superstructure. A DEP permit application is being drafted by Wicks Consulting Services to replace the existing clarifier with new. In the interim, we will move the bridge as often as possible by hand. A contract has been signed with Mack Concrete to replace the clarifier.
2. Catwalks and handrails will be addressed with the new construction.
3. The calibration of the meter was done by FRWA on 16 December 2008.

Thank you for your help with these issues.

Sincerely,



Thomas M. Felton

CC: Shangri-la



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

SENT VIA CERTIFIED MAIL: 91 7108 2133 3936 6363 8691

September 14, 2010

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

OCD-C-WW-10-0676

ATTENTION ANDREW R WERNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF
Wastewater Facility - Permit No. FLA010521
Noncompliance Letter

Dear Mr. Werner:

On June 17, 2010, you were forwarded a noncompliance letter listing certain deficiencies that were found during a routine inspection on May 13, 2010. A copy of the noncompliance letter is enclosed.

You were requested to respond, in writing, within 14 days of the date of the letter with a schedule of action(s) to correct the deficiencies noted. As of this date, no reply has been received.

In order to avoid enforcement action, you are requested to respond within 7 days from receipt of this letter as to your intentions in correcting the deficiencies noted in the noncompliance letter.

Sincerely,

David Smicherko

David Smicherko
Supervisor
Wastewater Compliance/Enforcement

DS/jf/ar

Enclosure: Non-Compliance Letter, OCD-C-WW-10-0455

cc: Lake County Water Resource Management, scatasus@lakecountyfl.gov
General Utilities, generalutilities@aol.com



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

June 17, 2010

SHANGRI-LA BY THE LAKE UTILITIES INC
100 SHANGRI-LA BOULEVARD
LEESBURG FL 34788

OCD-C-WW-10-0455

ATTENTION ANDREW R WERNER
MANAGER

Lake County - DW
Shangri-La By The Lake WWTF
Wastewater Facility - Permit No. FLA010521
Noncompliance Letter

Dear Mr. Werner:

On May 13, 2010, Department personnel conducted a routine inspection of the above-referenced facility. A copy of the inspection report is attached for your review. Please note the items listed below which need to be addressed:

1. The current Discharge Monitoring Report (DMR) form is not being submitted. As a result, the flow to the backup Rapid Infiltration Basin (RIB) has not been reported. Please see the enclosed DMR form that was issued with your permit.
2. The Department has not received "Notification of Completion of Construction" for the addition of two clarifiers and chlorine contact chambers. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operations, the permittee shall complete and submit to the Department DEP Form 62-620.910(12). A copy of DEP Form 62-620.910(12) is enclosed.
3. The traveling sludge return was not functioning properly.
4. The ladder and catwalk supports were rusty and unsafe.

Items #3 and 4 above, were also noted in the noncompliance letter #OCD-C-WW-09-0035, dated January 14, 2009, noncompliance letter number OCD-C-WW-08-0142, dated February 15, 2008, and noncompliance letter OCD-C-WW-07-0168, dated February 19, 2007.

The Department requests a written response addressing the items listed above within 14 days from the date of this letter. Your response should include an explanation of any corrective actions that have either been taken or that you plan to take. Please note that this letter and report, being part of the Department's investigation, is preliminary to agency action in

accordance with Section 120.57(5), Florida Statutes. Please direct your response and any questions to Jenny Farrell at (407) 893-3313, or via e-mail: jenny.e.farrell@dep.state.fl.us.

Sincerely,

David Smicherko

David Smicherko
Supervisor
Wastewater Compliance/Enforcement

DS/jf/ar

Enclosures: Inspection Report
Current DMR Form
DEP Form 62-620.910(12)

cc: Lake County Water Resource Management, scatasus@lakecountyfl.gov
Tom Felton, General Utilities, generalutilities@aol.com
Wicks Consulting, RLewis@wicksconsulting.com

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION @ = Optional

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Shangri-La By The Lake	FLA010521	Lake	5/13/2010 12:26:00 PM
100 Shangri-La Boulevard		Phone	@ Exit Date/Time
Leesburg, FL 34788			5/13/2010 12:58:00 PM
Name(s) of Field Representatives(s)	Title	Email	Phone
Donald Harris	General Utilities Operator		
Name and Address of Permittee or Designated Representative	Title	Phone	@ Operator Certification #
Andrew Werner	Manager		
Shangri-La-By-The-Lake Utilities Inc.			
100 Shangri-La Blvd	Email		
Leesburg, FL 34788			

Inspection Type	C	E	I	Samples Taken(Y/N): N	@ Sample ID#: N	Samples Split (Y/N): N
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial			Were Photos Taken(Y/N): Y	@ Log book Volume : II	@ Page 109

FACILITY COMPLIANCE AREAS EVALUATED

IC = In Compliance; NC = Out of Compliance; SC = Significant out of Compliance; NA = Not Applicable; NE = Not Evaluated
 Significant Non-Compliance Criteria Should be Reviewed when Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NE	3. Laboratory	NC	6. Facility Site Review	IC	9. ♦ Effluent Quality
NA	2. ♦ Compliance Schedules	NE	4. Sampling	IC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		NC	5. ♦ Records & Reports	SC	8. ♦ Operation & Maintenance	IC	11. Residuals/Sludge
NA	13. Other:					NA	12. Groundwater

Facility and/or Order Compliance Status:	<input type="checkbox"/> In-Compliance	<input type="checkbox"/> Out-Of-Compliance	<input checked="" type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Noncompliance Letter			

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Jenny Farrell <i>Jenny E. Farrell</i>	CD/ (407)893-3313	06/07/2010
@ Signature of Reviewer	District Office/Phone Number	Date
David Smicherko		

INSPECTION SUMMARY

Facility Name: Shangri-La By The Lake

Facility ID: FLA010521

Inspection Type: CEI

Date: 5/13/2010 12:58:00 PM

FACILITY BACKGROUND:

Address: 100 Shangri-La Boulevard, Leesburg, FL 34788, Lake County

Permit Information: Wastewater Permit issued: 9/22/2006, and expires: 9/12/2011

Treatment Summary: Step Aeration Stp W/Effluent To A Percolation Pond And A Sprayfield

Permitted Capacity: 0.05

1. Permit: IN COMPLIANCE

1.1 Observation: A copy of the permit was onsite and available to plant personnel.

1.2 Observation: Please see specific comment

Additional Comments: A permit revision was issued by the Department on May 22, 2009, which granted permission to add two new concrete clarifiers and chlorine contact chambers (CCCs). Please see the Records and Reports Section of the inspection report.

2. Compliance Schedules: NOT APPLICABLE

2.1 Observation: No observations were recorded.

3. Laboratory: NOT EVALUATED

3.1 Observation: No observations were recorded.

4. Sampling: NOT EVALUATED

4.1 Observation: No observations were recorded.

5. Records and Reports: OUT OF COMPLIANCE

5.1 Observation: General - A copy of the current laboratory certification was available at the time of the inspection (62-620.350(1) F.A.C.).

Additional Comments: Samples are analyzed by Tri-Tech Laboratory.

5.2 Observation: General - Operators' certifications were current and available on-site.

5.3 Observation: General - The certified operator's daily logbook was complete.

Additional Comments: The logbook was pre-numbered, bound, and sufficient operation/maintenance entries were recorded.

5.4 Observation: General - A copy of the Operation and Maintenance Manual as required by Chapter 62-600, F.A.C. was available to plant personnel.

5.5 Observation: General - Please see specific comment

Additional Comments: DMR paperwork review (exceedances noted under EFFLUENT), December 2008 to March 2010 were not all submitted in a timely manner:

The January 2009 DMR was received by the Department on 03/02/2009; this DMR was due on or before 02/28/2009.

For the entire review period the current DMR has not been in use, therefore the flow to the backup RIB has never been reported. A copy of the current DMR has been attached.

5.6 Observation: General - Please see specific comment

Additional Comments: The annual influent samples were collected and reported in January 2009 and 2010.

5.7 Observation: General - Please see specific comment

Additional Comments: According to documentation available onsite at the facility the RPZ was last inspected and tested on September 21, 2009.

INSPECTION FINDINGS

5.8 Observation: General - Please see specific comment

Additional Comments: On the day of inspection the clarifiers and CCC's tank addition appeared to be complete. Treated effluent was flowing through these tanks at the time of inspection. According to Department records the DEP Form 62-620.910(12), "Notification for Completion of Construction for Domestic Wastewater Facilities has not been received. Prior to placing the new 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 DEP Form 62-620.910(12) to the Department.

6. Facility Site Review: OUT OF COMPLIANCE

6.1 Observation: General - The facility grounds were secured properly.

6.2 Observation: Backflow Prevention - A reduced pressure zone backflow prevention device was in place on the potable water supply line.

Additional Comments: No leaks or other problems were noted.

6.3 Observation: Aeration Basins/Act. Sludge - The contents in the aeration chambers appeared to be adequately mixed.

6.4 Observation: Blowers/Motors - The blowers were operational at the time of the inspection.

Additional Comments: Two blowers with belt guards were onsite.

6.5 Observation: Clarifiers - Please see specific comment

Additional Comments: The clarifier contained a few sludge pop-ups, the weir appeared level and clean. No flow was entering the weir at the time of inspection.

6.6 Observation: Clarifiers - Please see specific comment

Additional Comments: The traveling bridge sludge return system is no longer able to travel due to excessive rust and the deterioration of the track.

6.7 Observation: Disinfection - Please see specific comment

Additional Comments: The sodium hypochlorite pump was operating on the day of inspection. Sodium hypochlorite is added at the beginning of the new CCC's.

6.8 Observation: Digestors - Please see specific comment

Additional Comments: Was able to be aerated and contained room for wasting.

7. Flow Measurement: IN COMPLIANCE

7.1 Observation: The copy of the flow calibration report is current and satisfactory.

Additional Comments: A sticker on the flow meter was dated July 8, 2009 for the last calibration date.

8. Operation and Maintenance: SIGNIFICANT OUT-OF-COMPLIANCE

8.1 Observation: General - Please see specific comment

Additional Comments: Excessive rust was noted in and around the former CCC/ladder area and catwalk supports. Previous inspection reports have noted these rust issues also.

9. Effluent Quality: IN COMPLIANCE

9.1 Observation: The final effluent chlorine residual was within the acceptable range.

Additional Comments: Field TRC->2.20 mg/L

9.2 Observation: A review of the Discharge Monitoring Reports did not reveal any effluent exceedances.

Additional Comments: Review period from December 2008 through March 2010.

10. Effluent Disposal: IN COMPLIANCE

10.1 Observation: General - The back-up Rapid Infiltration Basin (RIB) appeared to be maintained.

Additional Comments: Moderate vegetation was located in the back-up RIB, no standing water was observed.

10.2 Observation: General - Advisory signs were posted around the disposal site indicating the nature of the project area.

INSPECTION FINDINGS

10.3 **Observation:** *General* - The fence surrounding the effluent disposal site provided adequate access control (62-610.518(10) F.A.C.)

10.4 **Observation:** *General* - Please see specific comment

Additional Comments: The sprayfield was well maintained. On the day of inspection the sprayfield contained grass clippings. According to the permit in section IV.9 "vegetation shall be periodically harvested and removed from the project area." Please ensure that this is done at the frequency listed in the permit.

11. **Residuals/Sludge:** IN COMPLIANCE

11.1 **Observation:** *General* - Please see specific comment

Additional Comments: Residuals for this facility are currently hauled to 412 Biosolids RMF. Sludge hauling tickets were located onsite on the day of inspection.

12. **Groundwater Quality:** NOT APPLICABLE

12.1 **Observation:** No observations were recorded.

13. **Other:** NOT APPLICABLE

13.1 **Observation:** No observations were recorded.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - P

When Completed mail this report to: Department of Environmental Protection, Central District, 3319 Maguire Boulevard Suite 232, Orlando, FL, 32803-3767

PERMITTEE NAME: Shangri-La By The Lake Utilities, Inc.
MAILING ADDRESS: 100 Shangri-La Boulevard
Leesburg, FL 34788

PERMIT NUMBER: FLA010521

Expiration Date: _____

LIMIT: Final
CLASS SIZE: N/A

REPORT: _____
GROUP: _____

FACILITY: Shangri-La By The Lake WWTF
LOCATION: 100 Shangri-La Boulevard
Leesburg, FL 34788

MONITORING GROUP NUMBER: R-001
MONITORING GROUP DESC: Sprayfield, including Influent

COUNTY: Lake

NO DISCHARGE FROM
SITE: ☐

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	N E
Flow (Total Flow) ¹	Sample Measurement					
PARM Code 50050 Y Mon.Site No. FLW-1	Permit Requirement	0.050 (An.Avg.)	MGD			
Flow (Total Flow)	Sample Measurement					
PARM Code 50050 I Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	MGD			
Flow (Backup RIB) ²	Sample Measurement					
PARM Code 50050 P Mon.Site No. FLW-1	Permit Requirement	0.013 (An.Avg.)	MGD			
Flow (Backup RIB)	Sample Measurement					
PARM Code 50050 Q Mon.Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	MGD			
BOD, Carbonaceous 5 day, 20C	Sample Measurement					
PARM Code 80082 Y Mon.Site No. EPA-1	Permit Requirement			20.0 (An.Avg.)	MG/L	
BOD, Carbonaceous 5 day, 20C	Sample Measurement					
PARM Code 80082 A Mon.Site No. EPA-1	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	MG/L	

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 prepared 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 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	TEL

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

¹ Total Flow (Sprayfield + Backup RIB)

² Backup RIB for wet weather conditions

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Shangri-La By The Lake WWTF

MONITORING GROUP NUMBER: R-001

PERMIT NUMBER: _____

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	N E
Solids, Total Suspended	Sample Measurement					
PARM Code 00530 Y Mon.Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	MG/L	
Solids, Total Suspended	Sample Measurement					
PARM Code 00530 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Avg.) 60.0 (Max.)	MG/L	
pH	Sample Measurement					
PARM Code 00400 A Mon.Site No. EFA-1	Permit Requirement			6.0 (Min.) 8.5 (Max.)	SU	
Coliform, Fecal	Sample Measurement					
PARM Code 74055 Y Mon.Site No. EFA-1	Permit Requirement			200 (An.Avg.)	#/100ML	
Coliform, Fecal	Sample Measurement					
PARM Code 74055 A Mon.Site No. EFA-1	Permit Requirement			Report (Mo.Geo.Mean) 800 (Max.)	#/100ML	
Total Residual Chlorine (For Disinfection)	Sample Measurement					
PARM Code 50060 A Mon.Site No. EFA-1	Permit Requirement			0.5 (Min.)	MG/L	
Percent Capacity, (TMADF/ Permitted Capacity) x 100	Sample Measurement					
PARM Code 00180 1 Mon.Site No. FLW-1	Permit Requirement			Report	PER- CENT	
BOD, Carbonaceous 5 day, 20C	Sample Measurement					
PARM Code 80082 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	MG/L	
Solids, Total Suspended	Sample Measurement					
PARM Code 00530 Y Mon.Site No. INF-1	Permit Requirement			Report (An.Avg.)	MG/L	
	Sample Measurement					
	Permit Requirement					

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521
Monitoring Period From: _____

To: _____

Facility: Shangri-La By The Lake WWTF

	CBOD5 (MG/L)	Fecal Coliform Bacteria (#/100ML)	pH (SU)	TSS (MG/L)	TRC (For Disinfect.) (MG/L)	Flow (MGD)				
Code	80082	74055	00400	00530	50060	50050				
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1				
1										
2										
3										
4										
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29										
30										
31										
Total										
Mo. Avg.										

PLANT STAFFING:

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

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

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

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or groundwater monitoring data. Part B is used 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 results not available are listed in the table below.

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:

- Results greater than or equal to the PQL shall be reported as the measured quantity.
- 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 and when determining compliance with permit limits.
- 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 MDL 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 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. The following should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring period. 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.

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, 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 annual average, monthly average, single sample maximum, etc.) and units.

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

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the non-shaded area 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 non-shaded area 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 can be reached for 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, use the back of the report.

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

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 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 qualifier codes should be used and an explanation provided where appropriate.

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

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

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

PART D - GROUND WATER MONITORING REPORT

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

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

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

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

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

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

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

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

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

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

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (convert (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 and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream I
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. 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 SDF is greater than the Stream Dilution Ratio.

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

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

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A 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 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.



NOTIFICATION OF COMPLETION OF CONSTRUCTION FOR WASTEWATER FACILITIES OR ACTIVITIES

1. Instructions

- In accordance with Rule 62-620.410, F.A.C., this form must be submitted to the Department's appropriate district office or approved local program prior to placing a newly constructed facility or modified portion of an existing facility into operation for any purpose other than testing for leaks and equipment operation.
- Each applicable item must be completed in full. Where attached sheets or other technical documentation are used in lieu of the blank spaces provided, indicate appropriate cross-references in the spaces.
- Three (3) copies of this notification with supporting documentation shall be submitted with this form.
- All information is to be typed or printed in ink. Dates are to be entered in MM/DD/YR format.

2. Facility Information

- Permit Number _____
- Facility Identification Number _____
- Project/Facility Name _____
- Contact Name: _____
Number and Street _____
City/State/Zip Code _____
Telephone _____

3. Description of Facilities to be Placed into Operation:

4. Description of Substantial Deviations from the Permit, Approved Preliminary Design Report, and Application Materials:

5. Implementation Dates

- Actual Date Construction Began _____
- Scheduled Date to Place Facilities into Operation _____
- Scheduled Date to Attain Operational Level _____
- Scheduled Date to Submit DEP Form 62-620.910(13)¹ _____

¹In accordance with Rule 62-620.410, F.A.C., DEP Form 62-620.910(13) Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals must be submitted within six month after the facilities are placed into operation.

6. Certifications

a. Applicant or Authorized Representative

I certify that the statements made in this notification and all attachments are true, correct and complete to the best of my knowledge and belief. I agree to operate and maintain these facilities in such a manner as to comply with the provisions of Chapter 403, F.S., Chapter 62-620, F.A.C., and all other applicable rules of the Department.

(Signature of Applicant or Authorized Representative²) (Date)

Name (Please Type) _____ Company Name _____
Title _____ Company Address _____
Phone _____ City/State/Zip Code _____

b. Applicant or Authorized Representative (For Domestic Wastewater Facilities Only)

I certify that an appropriate draft operation and maintenance manual for these domestic wastewater facilities, which has been examined by a professional engineer as certified below, is available and located at _____ and can be submitted upon request.

(Signature of Applicant or Authorized Representative²) (Date)

Name (Please Type) _____ Company Name _____
Title _____ Company Address _____
Phone _____ City/State/Zip Code _____

c. Professional Engineer Registered in Florida

I certify that the facilities listed above have been completed to the point where the facilities are functionally complete. I further certify that construction on these facilities has proceeded substantially in accordance with the permit and the approved preliminary design report and application materials, or that deviations noted above will not prevent the system from functioning in compliance with all applicable statutes of the State of Florida and rules of the Department when properly operated and maintained. These determinations have been based upon on-site observation of construction, scheduled and conducted by me or by a project representative under my direct supervision, for the purpose of determining if the work proceeded in compliance with the permit and the approved preliminary design report and application materials.

Company Name: _____ Name (please type) _____
Company Address: _____
City/State/Zip Code _____
Phone Number: _____
(Seal, Signature, Date, and Registration Number)

²If signed by the authorized representative, attach a letter of authorization.

d. Professional Engineer Registered in Florida (For Domestic Wastewater Facilities Only)

I certify that the draft operation and maintenance manual for these domestic wastewater facilities has been prepared or examined by me or by individual(s) under my direct supervision and that there is reasonable assurance, in my professional judgement, that the facilities, when properly operated and maintained in accordance with this manual, will comply with all applicable statutes of the State of Florida and rules of the Department.

Company Name: _____ Name (please type) _____

Company Address: _____

City/State/Zip Code _____

Phone Number: _____

(Seal, Signature, Date, and Registration Number)



Wicks

Consulting Services, Inc.

P. 352-343-8667 F. 352-343-8665
225 W MAIN ST TAVARES, FL 32778
WWW.WICKSCONSULTING.COM

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2010 SEP 22 PM 1:52

8-9/24
PS 2/30
JT 9/30

CERTIFIED MAIL: 7004 0750 0003 4321 8899

September 20, 2010

Mr. David Smicherko, Supervisor
Wastewater Compliance/Enforcement
Florida Department of Environmental Protection
3319 Maguire Blvd, Ste 232
Orlando FL 32803-3767

REF: Lake County DW
Shangri-La By the Lake WWTF
WW Facility Permit No. FLA010521

Dear Mr. Smicherko,

In response to the Department's letter OCD-C-WW-10-0676 dated September 14, 2010, the following response is submitted which corresponds to your numerical items:

1. *The current Discharge Monitoring Report (DMR) form is not being submitted. As a result, the flow to the backup Rapid Infiltration Basin (RIB) has not been reported. Please see the enclosed DMR form that was issued with your permit.*

RESPONSE: The current DMR form is now being used and will be submitted by the Plant Operator as required.

2. *The Department has not received "Notification of Completion of Construction" for the addition of two clarifiers and chlorine contact chambers. Prior to placing the new facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operations, the permittee shall complete and submit to the Department DEP Form 62-620.910(12). A copy of DEP Form 62-620.910(12) is enclosed.*

RESPONSE: The Notification of Completion of Construction has been completed and three (3) copies are enclosed.

3. *The traveling sludge return was not functioning properly.*

RESPONSE: The traveling bridge sludge return mechanism is inoperable. Additional air educators will be installed to facilitate the discharge of return sludge to the aeration tank. It should be noted that upon receiving Clearance for the new clarifiers, the old tank will be incorporated into the existing aeration tank.

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4. *The ladder and catwalk supports were rusty and unsafe.*

RESPONSE: The ladder and catwalk have been repaired or replaced as needed to eliminate the rusty and unsafe conditions.

Please contact me if you have any questions or need further information.

Sincerely,



Kenneth R. "Ted" Wicks, P.E.

TW:KH

Enclosure

xc: Tom Felton
Andy Werner

Farrell, Jenny E.

Shangri-La WWTF

Lake County

From: Generalutilities@aol.com
Sent: Friday, August 20, 2010 11:16 AM
To: Farrell, Jenny E.
Subject: Re: Response Letters Due

Jenny
Shangri-La's new DMR is being used and progress is being made on the removal of the traveling bridge and the addition of the air lines in the old clarifier and the old chlorine contact tank.
The completion of construction must come from the engineer when the owner finishes their part.
I am sure that a 2nd NCL would be helpful, but the owner is proceeding.
Thanks
Tom

In a message dated 8/20/2010 9:28:36 A.M. Eastern Daylight Time, Jenny.E.Farrell@dep.state.fl.us writes:

Good Morning,

Just wanted to send an update on Response Letters that are due according to my records as of today, see below:

Shangri-La will be sending out a second Noncompliance Letter this week, was due in July

Lakeside Village #1 and #2 - was due beginning of August, talked to new manager the other day she wanted to update our records with her contact information, she said that you would be responding

These are the only letters that are considered past due at this time. Any questions let me know.

Thank you!

*After receipt of COC (see Attached)
full Response letter now.

JEF 9/30/2010

Jenny E. Farrell

Environmental Specialist II

Central District Wastewater Compliance Section

Phone: 407-893-3313

Fax: 850-412-0473



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for 9/24
11/5 9/30
JF 9/30

NOTIFICATION OF COMPLETION OF CONSTRUCTION FOR WASTEWATER FACILITIES OR ACTIVITIES

1. Instructions

- In accordance with Rule 62-620.410, F.A.C., this form must be submitted to the Department's appropriate district office or approved local program prior to placing a newly constructed facility or modified portion of an existing facility into operation for any purpose other than testing for leaks and equipment operation.
- Each applicable item must be completed in full. Where attached sheets or other technical documentation are used in lieu of the blank spaces provided, indicate appropriate cross-references in the spaces.
- Three (3) copies of this notification with supporting documentation shall be submitted with this form.
- All information is to be typed or printed in ink. Dates are to be entered in MM/DD/YR format.

2. Facility Information

- Permit Number FLA010521
- Facility Identification Number _____
- Project/Facility Name Shangri-La-By-The-Lake WWTF
- Contact Name: Andrew R. Werner
Number and Street 100 Shangri-La Blvd
City/State/Zip Code Leesburg FL 34788
Telephone (352) 589-7744 cell (352) 406-0597

3. Description of Facilities to be Placed into Operation: Two new concrete clarifiers and dual chlorine contact chambers with associated piping.

4. Description of Substantial Deviations from the Permit, Approved Preliminary Design Report, and Application Materials: No substantial deviations

5. Implementation Dates

- Actual Date Construction Began 06/01/2009
- Scheduled Date to Place Facilities into Operation 10/2010
- Scheduled Date to Attain Operational Level 11/2010
- Scheduled Date to Submit DEP Form 62-620.910(13) 04/2011

In accordance with Rule 62-620.410, F.A.C., DEP Form 62-620.910(13) Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals must be submitted within six month after the facilities are placed into operation.

6. **Certifications**

a. Applicant or Authorized Representative

I certify that the statements made in this notification and all attachments are true, correct and complete to the best of my knowledge and belief. I agree to operate and maintain these facilities in such a manner as to comply with the provisions of Chapter 403, F.S., Chapter 62-620, F.A.C., and all other applicable rules of the Department.

Andrew R. Werner 9/21/10
(Signature of Applicant or Authorized Representative:) (Date)

Name (Please Type) Andrew R. Werner Company Name Shangri-La-By-The-Lake Utilities, Inc.
Title VD, Manager Company Address 100 Shangri-La Blvd
Phone (352) 589-7744 City/State/Zip Code Leesburg FL 34788

b. Applicant or Authorized Representative (For Domestic Wastewater Facilities Only)

I certify that an appropriate draft operation and maintenance manual for these domestic wastewater facilities, which has been examined by a professional engineer as certified below, is available and located at 100 Shangri-La Blvd, Leesburg FL 34788 and can be submitted upon request.

Andrew R. Werner 9/21/10
(Signature of Applicant or Authorized Representative:) (Date)

Name (Please Type) Andrew R. Werner Company Name Shangri-La-By-The-Lake Utilities, Inc.
Title VD, Manager Company Address 100 Shangri-La Blvd
Phone (352) 589-7744 City/State/Zip Code Leesburg FL 34788

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Company Name: _____ Name (please type) _____
Company Address: _____
City/State/Zip Code _____
Phone Number: _____

(Seal, Signature, Date, and Registration Number)

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Company Name: Wicks Consulting Services, Inc. Name (please type) Kenneth R. "TED" Wicks
Company Address: 225 West Main Street
City/State/Zip Code Tavares FL 32778
Phone Number: (352) 343-8667

Kenneth Wicks 9/21/10
(Seal, Signature, Date, and Registration Number)



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for 9/24
11/5/30
JF 9/30

NOTIFICATION OF COMPLETION OF CONSTRUCTION FOR WASTEWATER FACILITIES OR ACTIVITIES

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- Facility Identification Number _____
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- Contact Name: Andrew R. Werner
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City/State/Zip Code Leesburg FL 34788
Telephone (352) 589-7744 cell (352) 406-0597

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Andrew R. Werner 9/21/10
(Signature of Applicant or Authorized Representative) (Date)

Name (Please Type) Andrew R. Werner Company Name Shangri-La-By-The-Lake Utilities, Inc.
Title VD, Manager Company Address 100 Shangri-La Blvd
Phone (352) 589-7744 City/State/Zip Code Leesburg FL 34788

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Andrew R. Werner 9/21/10
(Signature of Applicant or Authorized Representative) (Date)

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Title VD, Manager Company Address 100 Shangri-La Blvd
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Company Name: _____ Name (please type) _____
Company Address: _____
City/State/Zip Code _____
Phone Number: _____

(Seal, Signature, Date, and Registration Number)


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I certify that the draft operation and maintenance manual for these domestic wastewater facilities has been prepared or examined by me or by individual(s) under my direct supervision and that there is reasonable assurance, in my professional judgement, that the facilities, when properly operated and maintained in accordance with this manual, will comply with all applicable statutes of the State of Florida and rules of the Department.

Company Name: Wicks Consulting Services, Inc. Name (please type) Kenneth R. "TED" Wicks
Company Address: 225 West Main Street
City/State/Zip Code Tavares FL 32778
Phone Number: (352) 343-8667

Kenneth Wicks 9/21/10
(Seal, Signature, Date, and Registration Number)

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Search Fields

County

District

Facility-Site ID 3354028

Document Date

Received Date

Document Type







Inspection Type

Facility Type

Document Subject

Potable Water Systems

6 total

Profile	Facility-Site ID	Document Date	Received Date	Document Type	Inspection Type	Facility Type	Permit Number	Document Su
 Discovery_Compliance	3354028	06-23-2010	06-04-2010	CONSUMER CONFIDENCE REPORT RELATED	N/A	COMMUNITY	2009 CCR ANI	
 Discovery_Compliance	3354028	09-14-2010	09-14-2010	INSPECTION RELATED	SANITARY SURVEY	COMMUNITY	2010-09-07 SS	
 Discovery_Compliance	3354028	05-15-2011	05-15-2011	CONSUMER CONFIDENCE REPORT RELATED	N/A	COMMUNITY	2010 CCR	
 Discovery_Compliance	3354028	11-03-2009	11-03-2009	INSPECTION RELATED	ROUTINE COMPLIANCE	COMMUNITY	2009-10-27 CI	
 Discovery_Compliance	3354028	01-08-2008	01-15-2008	INSPECTION RELATED	SANITARY SURVEY	COMMUNITY	2007-08-22 SS	
 Discovery_Compliance	3354028	10-02-2007	10-02-2007	INSPECTION RELATED	SANITARY SURVEY	COMMUNITY	2007-08-22 SS	



Florida Department of Environmental Protection

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

SF 10/4
Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

October 2, 2007

Mr. Jay Werner
1214 West IL Route 72
Leaf River, IL 61407

OCD-PW-SS-07-1136

Lake County – PW
Shangri-La by the Lake Utilities, Inc.
PWS ID Number 3354028

Dear Mr. Werner:

This confirms a visit to the subject community public water system on August 22, 2007 by Danielle D. Owens to conduct a sanitary survey inspection. A copy of the sanitary survey inspection report is enclosed for your reference and records.

Deficiencies found during the sanitary survey and in Department records are listed in the enclosed report. These deficiencies shall be corrected in order to return to compliance with *Florida Administrative Code* (F.A.C.) Rules 62-550, 62-555, 62-560 and 62-602.

Please correct the indicated deficiencies, and notify the Department in writing that the deficiencies have been corrected, no later than November 8, 2007. (You may use the attached response form to indicate the corrective actions taken.)

If you have any questions, please contact Danielle D. Owens by e-mail at Danielle.D.Owens@dep.state.fl.us or by phone at (407) 894-7555, extension 2216.

Sincerely,

Kim Dodson, Environmental Manager
Drinking Water Compliance and Enforcement

KMD/ddo
Enclosures

cc: Danielle D. Owens, DEP Drinking Water Compliance and Enforcement

State of Florida
Department of Environmental Protection
Central District
SANITARY SURVEY REPORT

Plant Name: SHANGRI-LA BY THE LAKES UTILITIES, INC. County Lake PWS ID # 3354028
Plant Location 100 Shangri-La Boulevard, Leesburg, FL 34788 Phone (352) 589-7744
Owner Name Jay Werner Phone (815) 728-2508
Owner Address 1214 W. IL Route 72, Leaf River, IL 61407
Contact Person Andy Werner Title Manager Phone (352) 589-7744
This Survey Date 08/22/07 Last Survey Date 07/22/04 Last Compliance Inspection Date 10/28/98

PWS TYPE: Community

PLANT CATEGORY & CLASS: 4C

MAX-DAY DESIGN CAPACITY: 180,000gpd

PWS STATUS: Approved

TREATMENT PROCESSES IN USE

Disinfection
Aeration
What additional treatment is needed?
None at this time
For control of what deficiencies?
N/A

SERVICE AREA CHARACTERISTICS

Mobile Home Park
Food Service: ☐ Yes ☐ No ☒ N/A
Number of Service Connections 168
Population Served 328 Basis Operator

OPERATION & MAINTENANCE

O&M Log: ☒ Yes ☐ No Location WTP
Certified Operator: ☒ Yes ☐ No ☐ Not required
Operator(s) & Certification Class-Number
Tom Felton C-2241

Operator Visitation Frequency

Hrs/day: Required Visit Actual Visit
Days/wk: Required 5 + 1 Actual 5 + 1
Non-consecutive Days? ☐ Yes ☐ No ☒ N/A

MONTHLY OPERATION REPORTS (MORs)

MORs submitted regularly? ☒ Yes ☐ No ☐ N/A
Data missing from MORs? ☐ No ☒ Yes ☐ N/A

Average Day (from MORs) 45,916 gpd
Maximum Day (from MORs) 346,000 gpd 06/07
Comments Plant category, plant class, and max-day design capacity reported on MORs differ from Department records.

Flow Measuring Device Flow Meter
Meter Size & Type: 4" McCrometer & 6" Water Specialties

RAW WATER SOURCE

☒ GROUND; Number of Wells 2
☐ PURCHASED from PWS ID #
☐ Emergency Water Source
Emergency Water Capacity

STANDBY POWER SOURCE

☒ Yes ☐ None ☐ Not Required
Source Generac model no. SG015EPS-15
Capacity of Standby (kW) 20
Switchover: ☒ Automatic ☐ Manual
Hrs Operated Under Load Unknown
What equipment does it operate?
☒ Well Pumps Well #1
☒ High Service Pumps HSP #1
☒ Treatment Equipment All
Satisfy avg. daily demand? ☐ Yes ☐ No ☒ Unk
Audio-visual alarm? ☐ Yes ☒ No
Comments Generator did not appear to be operational at the time of inspection.

DISTRIBUTION SYSTEM

Coliform Sampling Plan: ☒ Yes ☐ No ☐ N/A
D/DBP Monitoring Plan: ☒ Yes ☐ No ☐ N/A
Lead and Copper Plan: ☒ Yes ☐ No ☐ N/A
Distribution System Map ☒ Yes ☐ No ☐ N/A

WRITTEN PROGRAMS

Operation & Maintenance Manual ☒ Yes ☐ No
Preventive Maintenance Program ☒ Yes ☐ No
Flushing Program ☒ Yes ☐ No ☐ N/A
Records ☐ Yes ☒ No
Isolation Valve Exercise ☒ Yes ☐ No ☐ N/A
Records ☐ Yes ☒ No
Emergency Response Plan ☒ Yes ☐ No ☐ N/A
Comments: No records available for review.

CROSS CONNECTION CONTROL

BFPAs 1 # Tested 1
WWTP RPZ Yes Date Tested 10/06
Written Plan: Inadequate Date Unknown
Comments Cross-connection control program not established and implemented.

GROUND WATER SOURCE

Well Number (Florida Unique Well ID #)	1 (AAH6720)	2 (AAH6721)		
Year Drilled	1975	1999		
Depth Drilled	340'	330'		
Drilling Method	Cable tool	Cable tool		
Type of Grout	Unknown	Neat cement		
Static Water Level	14'	12'		
Pumping Water Level	Unknown	12'		
Design Well Yield	250	850		
Test Yield	Unknown	1,200 gpm		
Actual Yield (if different than rated capacity)	Unknown	Unknown		
Strainer	Unknown	Open hole		
Length (outside casing)	200'	191'		
Diameter (outside casing)	6"	8"		
Material (outside casing)	Black steel	Black steel		
Well Contamination History	None	None		
Is inundation of well possible?	No	No		
6' X 6' X 4" Concrete Pad	Yes	Yes		
SET BACKS	Septic Tank	N/A	N/A	
	Reuse Water	N/A	N/A	
	WW Plumbing	> 200'	> 200'	
	Other Sanitary Hazard	Canal <100'	Canal <200'	
PUMP	Type	Submersible	Submersible	
	Manufacturer Name	Unknown	Griswold	
	Model Number	Unknown	30NSBYCZ-T	
	Rated Capacity (gpm)	270	850	
	Motor Horsepower	3	30	
Well casing 12" above grade?	Yes	Yes		
Well Casing Sanitary Seal	Ok	Yes		
Raw Water Sampling Tap	Yes	Yes		
Above Ground Check Valve	Yes	Yes		
Security	Yes	Yes		
Well Vent Protection	N/A	Yes		

COMMENTS Provide information for all items marked "unknown."

CHLORINATION (Disinfection)

Type: ☐ Gas ☒ Hypo
Make Chem-Tech (2) Capacity 30 gpd
Chlorine Feed Rate 80% stroke
Avg. Amount of Cl₂ gas used N/A
Chlorine Residuals: Plant >2.2 Remote 1.2
Remote tap location Wastewater treatment plant
DPD Test Kit: ☐ On-site ☒ With operator
☐ None ☐ Not Used Daily
Injection Points Prior to hydropneumatic tank
Booster Pump Info N/A
Comments _____

AERATION (Gases, Fe, & Mn Removal)

Type Spray Capacity 1,100 gpm
Aerator Condition Poor
Visible Algae Growth Yes
Protective Screen Condition Poor
Frequency of Cleaning Unknown
Date Last Inspected/Cleaned Unknown
Comments Large amounts of algae growth and vegetation inside the aerator.

HIGH SERVICE PUMPS

Pump Number	HSP1	HSP2	HSP3	HSP4
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Make	Goulds	Goulds	Jacuzzi	Jacuzzi
Model	3856	3856	20DC4	20CD4
Capacity (gpm)	125	125	545	545
Motor HP	7.5	7.5	20	20
Date Installed	1999	1999	2001	2001

Comments _____

STORAGE FACILITIES

(G) Ground (C) Clearwell (E) Elevated
(B) Bladder (H) Hydropneumatic / flow-through

Tank Type/Number	G	H/1	H/2
Capacity (gal)	20,000	3,000	5,000
Material	Concrete	Steel	Steel
Gravity Drain	Yes	Yes	Yes
By-Pass Piping	Yes	Yes	Yes
Protected Openings	Yes	Yes	Yes
Sight Glass or Level Indicator	N/A	Yes	Yes
Fittings for Sight Glass	N/A	Yes	Yes
AWWA Sample Tap	N/A	Yes	Yes
PRV/ARV	N/A	PRV	PRV
Pressure Gauge	N/A	Yes	Yes
On/Off Pressure	N/A	35/55	35/55
Access Secured	Yes	Yes	Yes
Access Manhole	Yes	Yes	Yes
Date of Inspection	Unknown	Unknown	Unknown
Date of Cleaning	Unknown	Unknown	Unknown

Comments _____

DEFICIENCIES:

1. **Failure to operate the water treatment plant within the designated maximum-day operating capacity.** A review of records indicates flows exceeded the maximum-day design capacity in June 2007.

No supplier of water shall operate any drinking water treatment plant at a capacity greater than the plant's permitted operating capacity except with the Department's prior approval, which shall be given when such operation will not cause a violation of a maximum contaminant level, a treatment technique requirement, or other operating requirements and is for no more than three months, or under circumstances that the supplier of water documents as highly unusual and nonrecurring. [Rule 62-555.350(4), F.A.C.]

Flushing activities, leaks, and/or breaks shall be recorded on monthly operation reports (MOR). For each day there are emergency or abnormal operating conditions at the plant or in the distribution system served by the plant, describe the emergency or abnormal operating conditions on the MOR (attach additional sheets as necessary). In addition, for each day plant or distribution components other than water service lines are taken out of operation for repair or maintenance, describe the repair or maintenance on the MOR (attach additional sheets as necessary). [Rule 62-555.900(3), F.A.C.]

The total capacity of all water source and treatment facilities connected to a water system shall at least equal the water system's design maximum-day water demand (including design fire-flow demand if fire protection is being provided). [Rule 62-555.320(6), F.A.C.]

2. **Failure to provide standby power that complies with 62-555.320(14), F.A.C.**

- a. Each community water system (CWS) serving, or designed to serve, 350 or more persons or 150 or more service connections shall provide standby power for operation of that portion of the system's water source, treatment, and pumping facilities necessary to deliver drinking water meeting all applicable primary or secondary standards at a rate at least equal to the average daily water demand for the system.
- b. Standby power shall be provided through:
 - i. Connection to at least two independent power feeds from separate substations; or
 - ii. One or more auxiliary power sources (i.e., generators or engines).
- c. Where standby power is provided through connection to independent power feeds from separate substations, the power feeds shall not be located in the same conduit or supported from the same utility pole and, if overhead power feeds are used, shall not cross or be located in an area where a single plausible occurrence (e.g., a fallen tree) could disrupt both power feeds.
- d. Where standby power is provided through an auxiliary power source, an in-place auxiliary power source is preferred. A portable auxiliary power source may be provided only if all of the following conditions are met:
 - i. A system to automatically start up the auxiliary power source and transfer electrical loads is not required under paragraph (e) below.
 - ii. The supplier of water demonstrates that the water system has first priority for use of the portable auxiliary power source.
 - iii. The supplier of water demonstrates that the portable auxiliary power source will at all times be in reasonably close proximity to (i.e., within .25 miles of) the water system components for which standby power is required.
- e. Where standby power is required and the time delay required to manually transfer electrical loads from one power source to another could result in failure to maintain the minimum water distribution system pressure required under subsection 62-555.350(7), the supplier of water shall provide a system to automatically start up the auxiliary power source if an auxiliary power source is provided and to automatically transfer electrical loads.

At each site where standby power is required under paragraph (a) above, the supplier of water shall provide an audio-visual alarm system that is activated in the event any power source fails. If the site is not staffed during all hours the standby-powered water system components are in operation, the alarm also shall be telemetered to a place staffed during all hours the standby-powered water system components are in operation, or shall trigger an automatic telephone dialing or paging device, to enable notification of an authorized representative of the supplier of water.

DEFICIENCIES (continued):

3. Failure to adequately establish and implement a cross-connection control program.

Community water systems, and all public water systems that have service areas also served by reclaimed water systems regulated under Part III of Chapter 62-610, F.A.C., shall establish and implement a routine cross-connection control program to detect and control cross-connections and prevent backflow of contaminants into the water system. This program shall include a written plan that is developed using recommended practices of the American Water Works Association set forth in *Recommended Practice for Backflow Prevention and Cross-Connection Control*, AWWA Manual M14, as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.360(2), F.A.C.]

Upon discovery of a prohibited cross-connection, public water systems shall either eliminate the cross-connection by installation of an appropriate backflow prevention device acceptable to the Department or shall discontinue service until the contaminant source is eliminated. [Rule 62-555.360(3), F.A.C.]

The Florida Rural Water Association's website, www.frwa.net, has a cross-connection control manual for your reference.

4. Failure to maintain all public water system (PWS) components. The aerator and its protective screen are covered with profuse algae growth. Vegetative matter is growing inside the associated ground storage tank.

Suppliers of water shall keep all necessary public water system components in operation and shall maintain such components in good operating condition so the components function as intended [Rule 62-555.350(2), F.A.C.]

5. Failure to keep records documenting that isolation valves are being exercised.

Suppliers of water shall keep records documenting that their isolation valves are being exercised in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

6. Failure to keep records documenting that dead-end water mains are being flushed.

Suppliers of water shall keep records documenting that their water mains conveying finished drinking water are being flushed in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

7. Submitted monthly operation reports (MORs) contain omissions and/or information provided differs from department records. Max-day design capacity, plant category, and plant class reported on MORs differs from Department records.

Provide the correct information on future MORs. [Rule 62-555.350(12)(b), F.A.C.]

COMMENTS/REMINDERS:

• **Lead and copper tap sampling must be conducted during the June-September 2008 monitoring period.**

For other chemical monitoring requirements, you are advised to call Marie Carrasquillo at (407) 894-7555, extension 2242, or Paul Morrison at (407) 893-3988.

All results must be submitted to DEP within the first 10 days following the end of the required monitoring period or the first 10 days following the month in which the sample results were received, whichever time is the shortest. A Florida Department of Health (DOH) certified laboratory must analyze all laboratory samples.

• **Provide documentation of last cleaning and inspection for finished-drinking-water storage tanks.**

Accumulated sludge and bio-growths shall be cleaned routinely (i.e., at least annually) from all treatment facilities that are in contact with raw, partially treated, or finished drinking water and that are not specifically designed to collect sludge or support a bio-growth; and blistering, chipped, or cracked coatings and linings on treatment or storage facilities in contact with raw, partially treated, or finished drinking water shall be rehabilitated or repaired.

COMMENTS/REMINDERS:

Finished-drinking-water storage tanks shall be checked at least annually to ensure that hatches are closed and deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida.

All suppliers of water shall keep records documenting that their finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, have been cleaned during the past five years in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

- Provide information for all items marked "unknown."

Inspector *Denelle D. Owens*

Title Env. Specialist I

Date 08/28/07

Approved by *Kate Dutton*

Title Environmental Manager

Date 10/2/07

GENERAL UTILITIES CORPORATION
7621 Frog Log
Leesburg, FL 34748
Tele: 352-787-2493
FAX 352-326-8756

*Rec'd by email
1/15/08*

S/F

8 January 2008

**Department of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767**

**Attn: Danielle Owens
Drinking Water Compliance/Enforcement**

**RE: Letter #OCD-PW-CI-07-1136
Shangri-La by the Lake Utilities
PWS ID Number 3354028**

Dear Ms Owens:

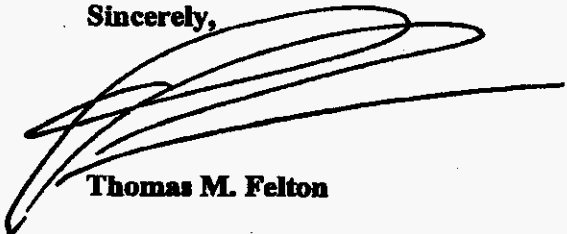
Thank you for your 22 August 2007 inspection.

The following is a response to the items noted in your survey.

- 1. A corrected MOR for June 2007 is attached. This should eliminate the need for a capacity analyses.**
- 2. The existing standby generator has been serviced and is now operating properly.**
- 3. A new cross connection program has been established and will be a living document and adjusted as the community changes.**
- 4. The owner has cleaned the aeration chamber with 12% Sodium Hypochlorite and has put this preventive maintenance on a more frequent schedule.**
- 5. Documentation of isolation valve exercising will be dated and signed on the isolation valve plan after each event.**
- 6. Main flushing will be documented with a signature and date on the main flushing plan after each event.**
- 7. MOR information has been updated.**

Thank you for your assistance with environmental issues.

Sincerely,



Thomas M. Felton

Cc: Shangri-La



MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

Rec'd by email
1/15/08

See page 4 for instructions.

I. General Information for the Month/Year of: June /2007

A. Public Water System (PWS) Information

PWS Name: Shangri-la by the Lake		PWS Identification Number: 3354028		
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 168		Total Population Served at End of Month: 328		
PWS Owner: Shangri-la by the Lake Utilities, 1214 West Route 27, Leaf River, IL 61047				
Contact Person: Thomas M. Felton		Contact Person's Title: Operator		
Contact Person's Mailing Address: 7621 Frog Log		City: Leesburg	State: FL	Zip Code: 34748
Contact Person's Telephone Number: 352-787-2493		Contact Person's Fax Number: 352-326-8756		
Contact Person's E-Mail Address: generalutilities@AOL.com				

B. Water Treatment Plant Information

Plant Name: Shangri-la		Plant Telephone Number: 352-787-2493		
Plant Address: 100 Shangri-La Blvd.		City: Leesburg	State: FL	Zip Code: 34788
Type of Water Treated by Plant:		<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water	
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 180,000				
Plant Category (per subsection 62-699.310(4), F.A.C.): IV			Plant Class (per subsection 62-699.310(4), F.A.C.): C	
Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	T. Felton	C	0002241	Varies
Other Operators:	J. Bethea	C	0008590	Varies
	D Harris	C	0014540	Varies
	G. Murray	C	0012419	Varies
	T. Levi	C	0012911	Varies

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

7/7/07

Thomas M. Felton

Printed or Typed Name

0002241

License Number

PWS Identification Number: - 3354028 Plant Name: - Shangri-la

II. Daily Data for the Month/Year of: June /2007

Means of Achieving Four-Log Virus Inactivation/Removal: * ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1	/	24	37 000									1.0		
2	/	24	35 000											
3	/	24	35 000									0.8		
4	/	24	19 000									0.9		
5	/	24	26 000									0.9	BT	
6	/	24	45 000									1.1		
7	/	24	33 000									1.0		
8	/	24	22 000									1.1		
9	/	24	34 000											
10	/	24	26 000									1.6		
11	/	24	27 000									1.2		
12	/	24	28 000									1.4		
13	/	24	24 000									1.4		
14	/	24	32 000									0.4		
15	/	24	21 000									1.0		
16	/	24	36 000											
17	/	24	30 000									1.0		
18	/	24	27 000									1.0		
19	/	24	37 000									0.2		
20	/	24	32 000									0.5		
21	/	24	24 000									0.9		
22	/	24	22 000									0.6		
23	/	24	38 000											
24	/	24	33 000									0.7		
25	/	24	28 000									0.6		
26	/	24	37 000									1.3		
27	/	24	53 000									1.4		
28	/	24	31 000									0.8		
29	/	24	30 000									0.7		
30	/	24	31 000											
Total			933 000											
Average			31 000											
Maximum			53 000											



VIA E-MAIL
JAY-LAURA@JUNO.COM

Florida Department of
Environmental Protection

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

3F11/4
Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

November 3, 2009

Mr. Jay Werner
Werner and Werner Incorporated
1214 West IL Route 72
Leaf River, IL 61047-9614

OCD-PW-CI-09-0786

Lake County – PW
Shangri-La By The Lake Utilities, Inc.
PWS ID Number 3354028

Dear Mr. Werner:

The Department conducted a compliance inspection of your public water system on October 27, 2009, by Jill Farris. A copy of the Water Treatment Plant Compliance Inspection Report is enclosed for your reference and records.

Deficiencies found during the compliance inspection and in Department records are listed in the enclosed report. These deficiencies shall be corrected in order to return to compliance with *Florida Administrative Code* (F.A.C.) Rules 62-550, 62-555, 62-560 and 62-602.

Please correct the indicated deficiencies, and notify the Department in writing that the deficiencies have been corrected, **no later than December 4, 2009**. *(You may use the attached response form to indicate the corrective actions taken.)*

If you have any questions, please contact me by email at Jill.Farris@dep.state.fl.us or by phone at (407) 894-7555, extension 2226.

Sincerely,

Jill Farris, Environmental Specialist
Drinking Water Compliance and Enforcement

/jmf

cc: Tom Felton, General Utilities [generalutilities@aol.com]

State of Florida
Department of Environmental Protection
Central District
WATER TREATMENT PLANT COMPLIANCE INSPECTION REPORT

Plant Name: SHANGRI-LA BY THE LAKE UTILITIES, INC. County: Lake PWS ID # 3354028
Address 100 Shangri-La Boulevard, Leesburg, FL 34788 Phone 352-589-7744
Owner Name Shangri-la By The Lakes Utilities, Inc. Contact: Jay Werner
Owner Address 1214 West IL Route 72, Leaf River, IL 61047-9614 Phone 815-728-2508
This Inspection Date 10/27/09 Last C.I. Date 10/28/98 Last Survey Date 08/22/07
PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Non-Community
Service Area Characteristics Mobile Home Park No. of Service Connections 168
Food Service? ☐ Yes ☐ No ☒ N/A Served Population 328

OPERATION & MAINTENANCE

Certified Operator: ☒ Yes ☐ No
Operator & Certification Class-Number:
Tom Felton C-2241

O & M Log: ☒ Yes ☐ No

WELL

Number of wells 2 Stand-by well?
Auxiliary power... ☒ Yes ☐ No ☐ N/A
6' x 6' x 4" pad ☒ Yes ☐ No
Sanitary seal... ☒ OK ☐
Raw water tap: ☒ Yes ☐ No
☐ Not smooth nosed
Check valve... ☒ Yes ☐ No
Fence/housing.... ☒ Yes ☐ No
Sanitary hazards None observed

CHLORINATION

Chlorinator type: ☐ Gas ☒ Hypo
Cl₂ residual: Plant 1.48 Remote 2.2+
DPD-type test kit..... ☒ Yes ☐ No
Gas cylinder scale..... ☐ Yes ☒ No
Gas cylinder chained.... ☐ Yes ☒ No
Adequate air-pak..... ☐ Yes ☒ No
Fresh ammonia solution... ☐ Yes ☒ No
Adequate ventilation... ☐ Yes ☒ No
Dual chlorination..... ☐ Yes ☒ No
Auto-switchover..... ☐ Yes ☒ No
Alarm..... ☐ Yes ☒ No

AERATION Type: Spray

Condition Good

OTHER TREATMENT PROCESSES:

None

OTHER

Flow measuring device: 4" Macrometer, 6" Water

Specialties

☒ Meter ☐ Elapsed time clock ☐ None
Back-flow prevention devices: ☒ Yes ☐ No
Cross-connections: None observed

STORAGE TANKS

(G) Ground (C) Clearwell (E) Elevator
(B) Bladder (H) Hydropneumatic/flow-through

Tank Type	G	H/1	H/2
Capacity	20,000	3,000	5,000
Gravity Drain	Yes	Yes	Yes
By-Pass Piping	Yes	Yes	Yes
Pressure Gauge	N/A	Yes	Yes
On/Off Pressure	N/A	30/50	30/50
Sight Glass	N/A	Yes	No
Air Release Valve	N/A	Yes	Yes
Pressure Relief Valve	N/A	Yes	Yes
Access Padlocked	Yes	Yes	Yes

DEFICIENCIES / COMMENTS

(See attached page)

DEFICIENCIES:

1. Failure to maintain public water system components.

- The well pad for well #1 and the area surrounding both hydropneumatic tanks is overcome with plant growth.
- The piping around the hydropneumatic tanks is corroded.

Suppliers of water shall keep all necessary public water system components in operation and shall maintain such components in good operating condition so the components function as intended. [Rule 62-555.350(2), F.A.C.]

2. Failure to keep records documenting that isolation valves are being exercised.

Suppliers of water shall keep records documenting that their isolation valves are being exercised in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

3. Failure to keep records documenting that dead-end water mains are being flushed.

Suppliers of water shall keep records documenting that their water mains conveying finished drinking water are being flushed in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

COMMENTS/REMINDERS:

- Lead and copper tap sampling must be conducted during the **January through December 2011** monitoring period.

For other chemical monitoring requirements, you are advised to contact Marie Carrasquillo at (321) 229-8958.

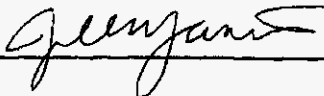
Early sampling is recommended. Results shall be submitted within the first ten days following the end of the required monitoring period, or the first ten days following the month in which the sample results were received, whichever time is shortest.

- **Provide documentation that the finished-drinking-water meter has been calibrated.**

Preventive maintenance on electrical or mechanical equipment -- including exercising of auxiliary power sources, **checking the calibration of finished-drinking-water meters at treatment plants**, testing of air or pressure relief valves for hydropneumatic tanks, and exercising of isolation valves -- shall be performed in accordance with the equipment manufacturer's recommendations or in accordance with a written preventive maintenance program established by the supplier of water; however, in no case shall auxiliary power sources be run under load less frequently than monthly. [Rule 62-555.350(2), F.A.C.]

- For monitoring schedules and information about the Drinking Water Program, please visit the Central District's Drinking Water website at <http://www.dep.state.fl.us/central/Home/DrinkingWater/default.htm>.

Inspector



Title Environmental Specialist I

Date 10/27/09



Certification of Delivery of Consumer Confidence Report

GENERAL INSTRUCTIONS: This form shall be completed by all community water systems (CWSs) that have prepared a Consumer Confidence Report (CCR) in accordance with Rule 62-550.824, F.A.C., Consumer Confidence Reports. At the end of this form is a certification in which a system's authorized representative shall certify that the reported information is accurate and is in conformance with Rule 62-550.824, F.A.C. **COMPLETE THIS FORM AND SUBMIT IT BY AUGUST 10**, together with a copy of your system's CCR, and any newspaper notice(s) and posted notice(s) of your CCR, to the appropriate DEP district office or Approved County Health Department (ACHD). Systems serving 100,000 or more persons posting their CCRs on publicly accessible Internet sites shall provide the information on the appropriate Internet link(s). All information provided on this form must be typed or printed in ink.

I. General Water System Information. (To be completed by all community water systems.)

System name: Shalger-La Contact person: T Felton
PWS Identification number (PWS-ID): 3354028 Contact phone number: 352 787 2493
Mailing address: PO Box 491221 City: Leesburg
State: FL Zip: 34749-1221 Population served (not the number of "service connections"): 328

II. CCR Distribution Method. (To be completed by all community water systems. Choose A or B as appropriate.)

☒ A. We mailed or otherwise directly delivered a copy of our CCR to each customer on (enter date(s) of mailing or delivery.) 23 June 2010 (Systems that do not use the mailing waiver must mail or otherwise directly deliver a copy of their CCR to each customer.)

☐ B. We were eligible to use a mailing waiver and used a mailing waiver. (Systems are eligible to use a mailing waiver only if they serve fewer than 10,000 persons, have not had any MCL or monitoring and reporting (M/R) violations, nor have been issued any formal Notices of Violations (NOVs), Consent Orders, Administrative Orders, or court-ordered civil actions during the calendar year before the year the CCR is due to the customers.)

Answer a, b, and c below.)

- ☐ a. Date of newspaper: _____
- ☐ b. Name of newspaper/newsletter that published our CCR: _____
- ☐ c. A copy of our notice to customers, informing them that our CCR will not be mailed to them, is attached. This notice was: ☐ mailed with bill; ☐ published in newspaper/newsletter; or ☐ other (describe) _____

III. Posting of CCR on the Internet. (To be completed by all CWSs serving 100,000 or more persons.)

☐ We posted our CCR on this publicly accessible Internet Site: _____

IV. Report on Your Effort to Distribute Your CCR to Your Water Consumers.

(To be completed by all CWSs. Check all items that apply - at least 2 items must be checked.)

In addition to the methods selected in Part II,

- ☒ A. We posted our CCR on this publicly accessible Internet indasapbox.site-ym.com
- ☐ B. We published our CCR in the local newspaper(s). The name(s) and date(s) of the newspaper(s) are: _____
- ☐ C. We advertised the availability of our CCR as a press release, radio announcement, or TV announcement. The type(s) and date(s) of the advertisement(s) are: _____
- ☐ D. We delivered multiple copies of our CCR to single bill addresses serving several persons.
- ☐ E. We delivered multiple copies of our CCR to the following community organizations: _____
- ☒ F. Our CCR was posted in the following public locations: Club House

☒ G. Our CCR was distributed by other methods (e.g., additional copies placed in entrance hall to facility). Describe.

Additional Copies are available at main office.

V. Use of Non-English Language in CCR. (To be completed by all community water systems.)

- ☐ Information in a non-English language was included in our CCR because 20% or more of our customers do not speak English but speak _____. The method we used to determine the proportion of non-English speaking customers is _____.
- ☒ This requirement does not apply to our system, because we have no non-English speaking group among our customers equal to or exceeding 20% of our total number of customers.

VI. Other Delivery Requirements. (To be completed by all community water systems.)

- (A) Was a copy of your CCR sent to your county health department, as required by rule? ☒ Yes ☐ No
- (B) Is your system regulated by the Public Service Commission (PSC)? ☒ Yes ☐ No
- If Yes, was a copy of your CCR sent to the PSC, as required by rule? ☒ Yes ☐ No
- (C) If your system sells water to other systems, have you provided them with either a copy of your CCR or the required consumer confidence information? ☐ Yes ☐ No ☒ Not Applicable

VII. Certification of Delivery of CCR and Compliance with Regulations. (To be completed by all CWSs.)

This statement certifies that the above named community public water system has distributed its CCR for the time period starting January 1, 09, and ending December 31, 09, to its customers on (mm/dd/yy) 06/23/10 and provided the appropriate notices of availability according to the requirements listed in this form, which are also found in Rule 62-550.824, F.A.C. This statement also certifies that the reported information is correct and consistent with the compliance monitoring data for the same period previously submitted to the Department, and that the report has been delivered to the agencies identified in Rules 62-550.824(3)(e)3., and 4., F.A.C.

SIGNATURE OF AUTHORIZED REPRESENTATIVE: _____

NAME (please print): T Felton

TITLE: Operator

DATE: 31 July 2010

☒ A copy of our CCR is attached.



Annual Drinking Water Quality Report
A Publication for Shangri-La by the Lake
PWS ID 3354028
Report for year 2009
Prepared 2010

We are pleased to present you with this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we have delivered to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water is produced by two (2) groundwater wells that draws water from the Floridan Aquifer, aerated for taste and odor control and is disinfected by chlorination.

If you have any questions concerning your water utility, please contact Shangri-La by the Lake Water Treatment Division

at (352-589-7744) between the hours of 8:00 a.m. and 5:00 p.m. We want our valued customers to be informed about their water utility.

Shangri-La by the Lake routinely monitors for contaminants in your drinking water according to Federal and State laws.

The state allows us to monitor for some contaminants less than once per year because the concentration for these contaminants do not change frequently. Some of our data, though representative, is more than one year old. All water analyses are the most recent sampling in accordance with the Safe Water Drinking Act.

In this table, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/L): One part by weight of analyte to 1 million parts by weight of water sample.

Parts per billion (ppb) or Micrograms per liter (ug/L): One part by weight of analyte to 1 billion parts by weight of water sample.

Picocurie per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

N/A: means not applicable.

Maximum Contaminant Level (MCL): The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG): The "Goal" (MCLG) is the level of a contaminant in drinking water below that there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum Residual Disinfectant Level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG: The level of a drinking water disinfectant below that there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Range: Indicates the lowest and highest analysis result.

FDEP: Florida Department of Environmental Protection

USEPA: United States Environmental Protection Agency.

IDSE: Initial Distribution System Evaluation. The IDSE is a one-time study conducted by water systems to identify distribution system locations with high concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). Water systems will use results from the IDSE, in conjunction with their Stage 1 Disinfection Compliance Monitoring Data (DBPR), to select compliance monitoring locations for the Stage 2 DBPR.

TEST RESULTS TABLE

Results in the "Level Detected" column for Radiological and Inorganic contaminants are from individual samples.

Radiological Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Alpha emitters (pCi/l)	8/2009	N	3.9	N/A	0	15	Erosion of natural deposits

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	4/2009	N	0.011	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	4/2009	N	0.11	N/A	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.2 ppm
Sodium (ppm)	4/2009	N	8.9	N/A	N/A	160	Salt water intrusion, leaching from soil

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

For bromate, chloramines, or chlorine, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. For haloacetic acids or TTHM, the level detected is the highest RAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly or is the average of all samples taken during the year if the system monitors less frequently than quarterly. Range of results is the range of individual sample results (lowest to highest) for all monitoring locations, including Initial Distribution System Evaluation (IDSE) results as well as Stage 1 compliance results.

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of results	MCLG Or MRDLG	MCL Or MRDL	Likely Source of Contamination
Chlorine (ppm)	1-12/2009	N	0.9	0.4-1.2	MRDLG =4	MRDL =4.0	Water additive to control microbes
Haloacetic Acids (HAA5) (ppb)	8/2009	N	11	N/A	N/A	MCL=60	By-product of drinking water disinfection
TTHM (total trihalomethanes) (ppb)	8/2009	N	26.5	N/A	N/A	MCL=80	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	AL Violation Y/N	90 th Percentile Results	No. of sampling sites exceeding the AL	MCLG	AL (action level)	Likely source of contamination
Copper (tap water) (ppm)	6/2008	N	0.15	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservative
Lead (tap water) (ppb)	6/2008	N	0.8	0	0	15	Corrosion of household plumbing systems; erosion of natural deposits

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land and through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- (A): Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock, and wildlife.
- (B): Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- (C): Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- (D): Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- (E): Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the US Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two (2) liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

In 2009 the department of Environmental Protection performed a Source Water Assessment. The assessments were conducted to provide information about any potential sources of contamination in the vicinity of our wells. A search of the data sources indicated no potential sources of contamination. The assessment data is available on the FDEP website link is www.dep.state.fl.us/swapp/.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA and the Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

We at Shangri-La by the Lake work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Shangri-La by the Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.



Florida Department of Environmental Protection

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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

VIA EMAIL
JAY-LAURA@JUNO.COM

September 14, 2010

Mr. Jay Werner
Shangri-La by the Lakes Utilities, Inc.
1214 West IL Route 72
Leaf River, IL 61047-9614

OCD-PW-SS-10-0699

Lake County – PW
Shangri-La by the Lakes Utilities, Inc.
PWS ID Number 3354028

Dear Mr. Werner:

This confirms a visit to the subject community public water system on September 7, 2010, by Manuel Cardona and Matthew Bretzke to conduct a sanitary survey inspection. A copy of the sanitary survey inspection report is enclosed for your reference and records.

Deficiencies found during the sanitary survey and in Department records are listed in the enclosed report. These deficiencies shall be corrected in order to return to compliance with *Florida Administrative Code* (F.A.C.) Rules 62-550, 62-555, 62-560 and 62-602.

Please correct the indicated deficiencies, and notify the Department in writing that the deficiencies have been corrected, **no later than October 14, 2010**. *(You may use the attached response form to indicate the corrective actions taken.)*

If you have any questions, please contact Manuel Cardona by phone at (407) 894-7555, extension 2277, or by email at Manuel.Cardona@dep.state.fl.us.

Sincerely,

Reggie Phillips, Environmental Supervisor II
Drinking Water Compliance and Enforcement

RFP/mfc
Enclosures: Cross-Connection Control Template A

cc: Tom Felton, General Utilities Corp. [generalutilities@aol.com]

State of Florida
Department of Environmental Protection
Central District
SANITARY SURVEY REPORT

Plant Name: SHANGRI-LA BY THE LAKES UTILITIES, INC. County Lake PWS ID # 3354028
Plant Location: 100 Shangri-La Boulevard, Leesburg, FL 34788 Phone (352) 589-7744
Owner Name: Werner and Werner, Inc. Phone (815) 728-2508
Owner Address: 1214 West IL Route 72, Leaf River, IL 61047-9614
Contact Person: Andy Werner Title Manager Phone (352) 406-0597
This Survey Date: 9/7/10 Last Survey Date 8/22/07 Last Compliance Inspection Date 10/27/09

PWS TYPE: Community

PLANT CATEGORY & CLASS: 5D

MAX-DAY DESIGN CAPACITY: 180,000 gpd

PWS STATUS: Approved

TREATMENT PROCESSES IN USE

Disinfection

Aeration

SERVICE AREA CHARACTERISTICS

Mobile Home Park

Food Service: ☐ Yes ☐ No ☒ N/A

Number of Service Connections 168

Population Served 328 Basis: Operator

OPERATION & MAINTENANCE LOG: Yes

Location Water Treatment Plant

Comments _____

CERTIFIED OPERATOR: Yes

Operator(s) & Certification Class-Number:

Tom Felton C-2241

Hrs/day: Required *Visit Actual *Visit

Days/wk: Required 3 Actual 5 + 1

Non-consecutive Days? ☐ Yes ☐ No ☒ N/A

Comments: * Nonconsecutive days for a total of 0.3hr/wk.

MONTHLY OPERATION REPORTS (MORs)

MORs submitted regularly? ☒ Yes ☐ No ☐ N/A

Data missing from MORs? ☒ No ☐ Yes ☐ N/A

Average Day (from MORs) 25,750 gpd

Maximum Day (from MORs) 93,000 gpd 06/2010

Comments _____

Flow Measuring Device: Flow Meter

Meter Size & Type: 4" McCrometer & 6" Water Specialties

Date Last Calibrated: Unknown

RAW WATER SOURCE

☒ GROUND; Number of Wells 2

☐ PURCHASED from PWS ID # _____

☐ Emergency Water Source _____

Emergency Water Capacity _____

STANDBY POWER SOURCE: Yes

Source Generac model no. SG015EPS-15

Capacity of Standby (kW) 20

Switchover: ☒ Automatic ☐ Manual

Hrs Operated Under Load 1 hr/wk.

What equipment does it operate?

☒ Well Pumps Well #1

☒ High Service Pumps HSP #1

☒ Treatment Equipment All

Satisfy avg. daily demand? ☒ Yes ☐ No ☐ Unknown

Audio-visual alarm? ☐ Yes ☒ No

Comments _____

PLANS AND MAPS

Coliform Sampling Plan ☒ Yes ☐ No ☐ N/A

D/DBP Monitoring Plan ☒ Yes ☐ No ☐ N/A

Lead and Copper Plan ☒ Yes ☐ No ☐ N/A

Distribution System Map ☒ Yes ☐ No ☐ N/A

Emergency Response Plan ☒ Yes ☐ No ☐ N/A

Comment _____

PREVENTIVE MAINTENANCE/O&M

Operation & Maintenance Manual ☒ Yes ☐ No

Preventive Maintenance Program ☒ Yes ☐ No

Flushing Program ☒ Yes ☐ No ☐ N/A

Records ☒ Yes ☒ No ☐ N/A

Isolation Valve Exercise ☒ Yes ☐ No ☐ N/A

Records ☐ Yes ☒ No ☐ N/A

Comments _____

CROSS CONNECTION CONTROL

BFPAs 1

Tested 1

WWTP RPZ Yes

Date Tested 2009

Written Plan Inadequate

Date 2007

Comments _____

GROUND WATER SOURCE

Well Number (Florida Unique Well ID #)		1(AAH6720)	2(AAH6721)		
Year Drilled		1975	1999		
Depth Drilled		340'	330'		
Drilling Method		Cable tool	Cable tool		
Type of Grout		Unknown	Neat cement		
Static Water Level		14'	12'		
Pumping Water Level		Unknown	12'		
Design Well Yield		250	850		
Test Yield		Unknown	1,200 gpm		
Actual Yield (if different than rated capacity)		Unknown	Unknown		
Strainer		Unknown	Open hole		
Length (outside casing)		200'	191'		
Diameter (outside casing)		6"	8"		
Material (outside casing)		Black steel	Black steel		
Well Contamination History		None	None		
Is inundation of well possible?		No	No		
6' X 6' X 4" Concrete Pad		Yes	Yes		
SET BACKS	Septic Tank	N/A	N/A		
	Reuse Water	N/A	N/A		
	WW Plumbing	>200'	>200'		
	Other Sanitary Hazard	None noted	None noted		
PUMP	Type	Submersible	Submersible		
	Manufacturer Name	Unknown	Griswold		
	Model Number	Unknown	30NSBYCZ-T		
	Rated Capacity (gpm)	270	850		
	Motor Horsepower	3	30		
Well casing 12" above grade?		Yes	Yes		
Well Casing Sanitary Seal		Ok	Ok		
Raw Water Sampling Tap		Yes	Yes		
Above Ground Check Valve		Yes	Yes		
Security		Yes	Yes		
Well Vent Protection		N/A	Yes		

COMMENTS _____

CHLORINATION (Disinfection)

Type: ☐ Gas ☒ Hypo
Make Pulsafeeder Capacity 24 gpd
Chlorine Feed Rate Pre-100%, post- 50%
Avg. Amount of Cl₂ gas used N/A
Chlorine Residuals: Plant .49 Remote 1.63
Remote tap location Office spigot
DPD Test Kit: ☐ On-site ☒ With operator
☐ None ☐ Not Used Daily
Injection Points Pre & post aeration
Booster Pump Info N/A
Comments _____

STORAGE FACILITIES

(G) Ground (C) Clearwell (E) Elevated
(B) Bladder (H) Hydropneumatic / flow-through

Tank Type/Number	G	H/1	H/2
Capacity (gal)	20,000	3,000	5,000
Material	Concrete	Steel	Steel
Gravity Drain	Yes	Yes	Yes
By-Pass Piping	Yes	Yes	Yes
Protected Openings	Yes	Yes	Yes
Sight Glass or Level Indicator	N/A	Yes	Yes
PRV/ARV	N/A	PRV	PRV
Pressure Gauge	N/A	Yes	Yes
On/Off Pressure	N/A	35/55	35/55
Access Secured	Yes	Yes	Yes
Access Manhole	Yes	Yes	Yes
Tank Sample Tap Location	On tank	On tank	On tank
Date of Inspection	Unknown	Unknown	Unknown
Date of Cleaning	Unknown	Unknown	Unknown

Comments _____

HIGH SERVICE PUMPS

Pump Number	1	2	3	4
Type	Centrifugal			
Make	Goulds	Goulds	Jacuzzi	Jacuzzi
Model	3656	3656	20DC4	20DC4
Capacity (gpm)	125	125	545	545
Motor HP	7.5	7.5	20	20
Date Installed	1999	1999	2001	2001

Comments _____

AERATION (Gases, Fe, & Mn Removal)

Type Spray Capacity 1,100 gpm
Aerator Condition Good
Visible Algae Growth No
Protective Screen Condition Ok
Frequency of Cleaning As needed
Date Last Inspected/Cleaned PVC piping was replaced since the last survey. Raw water is pre-chlorinated.
Comments _____

Chlorine Gas Use Requirements	YES	NO	Comments
Dual System	<input type="checkbox"/>	<input type="checkbox"/>	
Auto-switchover	<input type="checkbox"/>	<input type="checkbox"/>	
Alarms:			
Loss of Cl ₂ capability	<input type="checkbox"/>	<input type="checkbox"/>	
Loss of Cl ₂ residual	<input type="checkbox"/>	<input type="checkbox"/>	
Cl ₂ leak detection	<input type="checkbox"/>	<input type="checkbox"/>	
Scale	<input type="checkbox"/>	<input type="checkbox"/>	
Chained Cylinders	<input type="checkbox"/>	<input type="checkbox"/>	
Reserve Supply	<input type="checkbox"/>	<input type="checkbox"/>	
Adequate Air-pak	<input type="checkbox"/>	<input type="checkbox"/>	
Sign of Leaks	<input type="checkbox"/>	<input type="checkbox"/>	
Fresh Ammonia	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	
Room Lighting	<input type="checkbox"/>	<input type="checkbox"/>	
Warning Signs	<input type="checkbox"/>	<input type="checkbox"/>	
Repair Kits	<input type="checkbox"/>	<input type="checkbox"/>	
Fitted Wrench	<input type="checkbox"/>	<input type="checkbox"/>	
Housing/Protection	<input type="checkbox"/>	<input type="checkbox"/>	

DEFICIENCIES:

1. Failure to keep records documenting that isolation valves are being exercised.

Suppliers of water shall keep records documenting that their isolation valves are being exercised in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

2. Failure to keep records documenting that dead-end water mains are being flushed.

Suppliers of water shall keep records documenting that their water mains conveying finished drinking water are being flushed in accordance with subsection 62-555.350(2), F.A.C. [Rule 62-555.350(12)(c), F.A.C.]

3. Failure to establish and implement a cross-connection control program.

Community water systems, and all public water systems that have service areas also served by reclaimed water systems regulated under Part III of Chapter 62-610, F.A.C., shall establish and implement a routine cross-connection control program to detect and control cross-connections and prevent backflow of contaminants into the water system. This program shall include a written plan that is developed using recommended practices of the American Water Works Association set forth in *Recommended Practice for Backflow Prevention and Cross-Connection Control*, AWWA Manual M14, as incorporated into Rule 62-555.330, F.A.C. [Rule 62-555.360(2), F.A.C.]

Note: A sample cross-connection control plan template is enclosed for your use.

4. Failure to provide documentation of the cleaning and inspection of the finished-water storage tanks. This documentation was requested following the last sanitary survey dated August 22, 2007.

Finished-drinking-water storage tanks, including conventional hydropneumatic tanks with an access manhole but excluding bladder- or diaphragm-type hydropneumatic tanks without an access manhole, shall be checked at least annually to ensure that hatches are closed and screens are in place; shall be cleaned at least once every five years to remove biogrowths, calcium or iron/manganese deposits, and sludge from inside the tanks; and shall be inspected for structural and coating integrity at least once every five years by personnel under the responsible charge of a professional engineer licensed in Florida. [Rule 62-555.350(2), F.A.C.]


COMMENTS:


- **Provide documentation that the finished-drinking-water meter has been calibrated.**

Preventive maintenance on electrical or mechanical equipment -- including exercising of auxiliary power sources, **checking the calibration of finished-drinking-water meters at treatment plants**, testing of air or pressure relief valves for hydropneumatic tanks, and exercising of isolation valves -- shall be performed in accordance with the equipment manufacturer's recommendations or in accordance with a written preventive maintenance program established by the supplier of water; however, in no case shall auxiliary power sources be run under load less frequently than monthly. [Rule 62-555.350(2), F.A.C.]

REMINDERS:

- For monitoring schedules and information about the Drinking Water Program, please visit the Central District's Drinking Water website at <http://www.dep.state.il.us/central/home/DrinkingWater/default.htm>.
- Suppliers of water shall submit written notification to the Department before beginning work or alterations to the public water system. Each notification shall be submitted to the appropriate Department of Environmental Protection District Office or Approved County Health Department and shall include the following: a description of the scope, purpose, and location of the work or alterations; and assurance that the work or alterations will comply with applicable requirements listed in Rule 62-555.330, F.A.C. Suppliers of water may begin such work or alterations 14 days after providing notification to the Department unless they are advised by the Department that the notification is incomplete or that a construction permit is required.
- Suppliers of water shall telephone the SWP at 1-800-320-0519 immediately (i.e., within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system. [Rule 62-555.350(10)(a), F.A.C.]
- Suppliers of water shall telephone, and speak directly to a person at, the appropriate DEP District Office as soon as possible, but never later than noon of the next business day, in the event of any of the following emergency or abnormal operating conditions:
 - The occurrence of any abnormal color, odor, or taste in a public water system's raw or finished water;
 - The failure of a public water system to comply with applicable disinfection requirements; or
 - The breakdown of any water treatment or pumping facilities, or the break of any water main, in a public water system if the breakdown or break is expected to adversely affect finished-water quality, interrupt water service to 150 or more service connections or 350 or more people, interrupt water service to any one service connection for more than eight hours, or necessitate the issuance of a precautionary "boil water" notice in accordance with the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(10)(b), F.A.C.]
- Suppliers of water shall notify affected water customers in writing or via telephone, newspaper, radio, or television; and telephone, and speak directly to a person at, the appropriate DEP District Office by no later than the previous business day before taking PWS components out of operation for planned maintenance or repair work if the work is expected to adversely affect finished-water quality, interrupt water service to 150 or more service connections or 350 or more people, interrupt water service to any one service connection for more than eight hours, or necessitate the issuance of a precautionary "boil water" notice in accordance with the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(10)(d), F.A.C.]
- Suppliers of water shall issue precautionary "boil water" notices as required or recommended in the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(11), F.A.C.]

Inspector  Title Env. Specialist III Date 9/14/10

Approved by  Title Env. Supervisor II Date 9/14/10

RESPONSE FORM

Please provide any changes to the following:

PWS ID Number: 3354028

Business Name: _____

PWS Name: Shangri-La by the Lakes Utilities, Inc.

Owner(s) Name: _____

Mailing Address: _____

Mailing Address: _____

Date: _____

Phone Number(s): _____

Fax #: _____

E-Mail Address: _____

**Florida Department of Environmental Protection
Drinking Water Compliance/Enforcement Program
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803**

Attention: **Manuel F. Cardona**, Environmental Specialist III

In response to the Department's **Sanitary Survey Report** for the subject public water system dated September 7, 2010,
the following actions were done to correct the listed deficiencies:

<u>Deficiency Item No.</u>	<u>Corrective Action Done</u>	<u>Date Done</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(Attach additional sheet if necessary)

I hereby certify to the correctness of the above information:

PWS Owner/Representative Signature: _____

Name of PWS Owner/Representative: _____

(Please Type or Print)



Wicks

Consulting Services, Inc.

P. 352-343-8667 F. 352-343-8665

225 W MAIN ST TAVARES, FL 32778 > WWW.WICKSCONSULTING.COM

Via Electronic Mail

June 8, 2011

Ms. Jenny E. Farrell
Florida Department of Environmental Protection
3319 Maguire Boulevard, Ste 232
Orlando, Florida 32803-3767

REF: Shangri-La By The Lake WWTF
Non-Compliance Letter
Permit No. FLA010521

Dear Ms. Farrell:

In response to your letter (OCD-C-WW-11-0341) regarding your inspection of the referenced Facility, the following response is submitted which corresponds to your numbered items:

1. *The permit for this facility will expire on September 12, 2011. The Department has not received a permit application. Application for permit renewal should have been made at least 180 days prior to the expiration date.*

RESPONSE: Our Firm was retained to prepare the application and supporting information for submittal to the Department for renewal of the referenced permit. The preparation of the application and submittals has been underway for some time. Due to an error on our part, the application due date was incorrectly recorded on the Project Progress Tracking. The application and supporting information is complete and will be submitted to the Department as soon as possible. It is expected to be submitted within seven (7) days.

2. *On a few occasions various values were missing or reported incorrectly on Part A of the Discharge Monitoring Reports (DMRs) for this review period. Please see the inspection report for details. It is important to report all data carefully and accurately as specified on the DMRs.*

RESPONSE: The problem with missing data and reporting on the DMRs has been discussed with the Owner and Operator. This situation will be corrected on all future reports.

3. *The Department has not received "Notification of Availability of Record Drawings and Final Operation and Maintenance Manuals" form. Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on DEP Form 62-620.910(13) that*

record drawings and an operation and maintenance manual are available at the location specified on the form. A copy of DEP Form 62-620.910(13) is enclosed.

RESPONSE: The Project As-Built Plans were prepared and made available to the Owner in September 2010 and the O & M Manuals were also reviewed at that time. The Notification was prepared for submittal to the Department; however, again, the Project Tracking dates were incorrectly recorded and the submittal date was missed. The required Notification and As-Built are being submitted to the Department and should be received before the end of the week.

The additional items in the Inspection Report that require corrective action will be handled by the Owner and Operator.

Please contact our office if there are further questions or comments regarding this response.

Sincerely,

Ted Wicks

Kenneth R. "Ted" Wicks, P.E.

TW:kh

xc: Andrew Werner, Owner
Tom Felton, Operator

2011-06-08/07136/Correspondence/Comments-Resp/2011-06-08 Resp to 5-24-2011 FDEP NonCompl



**NOTIFICATION OF AVAILABILITY
OF RECORD DRAWINGS AND FINAL
OPERATION AND MAINTENANCE MANUALS
RECEIVED**

JUN 14 2011

1. Instructions

DEP Central Dist

- In accordance with Rule 62-620.410, F.A.C., this form must be submitted to the appropriate Department district office or approved local program within six months after placing a newly constructed facility or modified portion of an existing facility into operation.
- Each applicable item must be completed in full. Where attached sheets or other technical documentation are used in lieu of the blank spaces provided, indicate appropriate cross-references in the spaces.
- Three (3) copies of this notification with supporting documentation shall be submitted with this form.
- All information is to be typed or printed in ink. Dates are to be entered in MM/DD/YR format.

2. Facility Information

a. Permit Number	<u>FLA010521-004-DW3</u>
b. Project/Facility Name	<u>Shangri-La By the Lake WWTF</u>
c. Facility Identification Number	<u>FLA010521</u>
d. Contact Name	<u>Andrew R. Werner</u>
Number and Street	<u>100 Shangri-La Boulevard</u>
City/State/Zip Code	<u>Leesburg FL 34788</u>
Telephone	<u>(352) 406-0597</u>

3. Description of facilities for which Record Drawings, and for domestic wastewater facilities final Operation and Maintenance Manuals, are available

Two new pre-stressed concrete clarifiers and chlorine contact chambers, designed to meet Class III reliability at an Annual Average Daily Flow (AADF) of 0.05 MGD, as part of the future replacement plant.

4. Description of substantial deviations from the permit, approved Preliminary Design Report, and application materials

No substantial deviations.

DEP DOMESTIC WASTE SEC.	
PROJECT <u>TWO NEW CLARIFIERS AND CHLORINE CONTACT CHAMBERS</u>	
PERMIT <u>FLA010521-004-DW3</u>	
BY <u>WGB</u>	DATE <u>7/5/2011</u>
RECEIPT ACKNOWLEDGED	



Wicks
Consulting Services, Inc.

P. 352-343-8667 F. 352-343-8668
225 W MAIN ST TAVARES, FL 32778
WWW.WICKSCONSULTING.COM

Environmental, Sanitary & Water Resources Engineering

RECEIVED-DEP
CENTRAL DISTRICT OFFICE

2011 JUN 14 AM 11:01

TO FDEP

3319 Maguire Blvd Ste 232

Orlando FL 32803-3767

LETTER OF TRANSMITTAL

HAND DELIVERED

FILE COPY

DATE	JOB NO.
June 13, 2011	07136
ATTENTION DENNISE JUDY Domestic Waste Permitting	
RE: Shangri-La By The Lake Utilities Permit FLA010521-004-DW3	

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

COPIES	DESCRIPTION
3	FDEP Form 62-620.910(13) Notice Avail Record Drawings and Final O & M Manuals
3	Record Drawings (1 orig, 2 copies)

☒ For approval

☐ For your information / use

☒ As requested

☐ For review and comment

☐ FOR BIDS DUE _____

☐ Fax Transmittal of _____ pages, including this transmittal sheet.

☐ Approved as submitted

☐ Approved as noted

☐ Returned

☐ For signature & Return

☐ Resubmit _____ copies for approval

☐ Submit _____ copies for distribution

☐ Return _____ corrected prints

☐ For your file

☐ For Payment

Hard Copy to Follow ☐ Yes ☐ No

REMARKS:

Please contact our office if there are any questions regarding this submittal.

COPY TO Andy Werner w/encl.

SIGNED: Kay Henderson / Ted Wicks, P.E.
admin@wicksconsulting.com

If enclosures are not as noted, kindly notify us at once



NOTIFICATION OF AVAILABILITY OF RECORD DRAWINGS AND FINAL OPERATION AND MAINTENANCE MANUALS

1. Instructions

- In accordance with Rule 62-620.410, F.A.C., this form must be submitted to the appropriate Department district office or approved local program within six months after placing a newly constructed facility or modified portion of an existing facility into operation.
- Each applicable item must be completed in full. Where attached sheets or other technical documentation are used in lieu of the blank spaces provided, indicate appropriate cross-references in the spaces.
- Three (3) copies of this notification with supporting documentation shall be submitted with this form.
- All information is to be typed or printed in ink. Dates are to be entered in MM/DD/YR format.

2. Facility Information

- | | |
|-----------------------------------|------------------------------------|
| a. Permit Number | <u>FLA010521-004-DW3</u> |
| b. Project/Facility Name | <u>Shangri-La By the Lake WWTF</u> |
| c. Facility Identification Number | <u>FLA010521</u> |
| d. Contact Name | <u>Andrew R. Werner</u> |
| Number and Street | <u>100 Shangri-La Boulevard</u> |
| City/State/Zip Code | <u>Leesburg FL 34788</u> |
| Telephone | <u>(352) 406-0597</u> |

3. Description of facilities for which Record Drawings, and for domestic wastewater facilities final Operation and Maintenance Manuals, are available

Two new pre-stressed concrete clarifiers and chlorine contact chambers, designed to meet Class III reliability at an Annual Average Daily Flow (AADF) of 0.05 MGD, as part of the future replacement plant.

4. Description of substantial deviations from the permit, approved Preliminary Design Report, and application materials

No substantial deviations.

5. Certifications

a. Applicant or Authorized Representative

I certify that the statements made in this notification and all attachments are true, correct and complete to the best of my knowledge and belief. I agree to operate and maintain these facilities in such a manner as to comply with the provisions of Chapter 403, F.S., and all applicable rules of the Department. A copy of the record drawings or other plans, as applicable, showing the newly constructed facilities or modified portion

of the existing facilities, as applicable, is available at 100 Shangri-La Blvd. Leesburg FL 34788.

Andrew R. Werner

Signature of Applicant or Authorized Representative¹

6/13/11

Date

Name (Please Type) Andrew R. Werner Company Name Shangri-La By The Lake Utilities
Title Manager / VD Company Address 100 Shangri-La Boulevard
Phone (352) 589-7744 City/State/Zip Code Leesburg FL 34788

b. Applicant or Authorized Representative (For Domestic Wastewater Facilities Only)

I certify that an appropriate final operation and maintenance manual for these domestic wastewater facilities, which has been examined by a professional engineer as certified below, is available and located at

100 Shangri-La Boulevard, Leesburg FL 34788 and can be submitted upon request.

Andrew R. Werner

Signature of Applicant or Authorized Representative¹

6/13/11

Date

Name (Please Type) Andrew R. Werner Company Name Shangri-La By The Lake Utilities
Title Manager/ VD Company Address 100 Shangri-La Boulevard
Phone (352) 589-7744 City/State/Zip Code Leesburg FL 34788

c. Professional Engineer Registered in Florida

I certify that record drawings for the facilities have been reviewed by me or by individual(s) under my direct supervision for completeness and adequacy, and have been provided to the permittee. I further certify that the record drawings identify those substantial deviations noted above.

Name (please type): Kenneth R. "Ted" Wicks, PE
Company Name: Wicks Consulting Services, Inc.
Company Address: 225 West Main Street
City/State/Zip Code: Tavares FL 32778
Phone Number (352) 343-8667

Wicks 6/13/11 33279
(Seal, Signature, Date, and Registration Number)

¹ If signed by the authorized representative, attach a letter of authorization.

d. Professional Engineer Registered in Florida (For Domestic Wastewater Facilities Only)

I certify that the final operation and maintenance manual for these domestic wastewater facilities has been prepared or examined by me or by individual(s) under my direct supervision and that there is reasonable assurance, in my professional judgement, that the facilities, when properly operated and maintained in accordance with this manual, will comply with all applicable statutes of the State of Florida and rules of the Department.

Name (please type): Kenneth R. "Ted" Wicks, PE
Company Name: Wicks Consulting Services, Inc.
Company Address: 225 West Main Street
City/State/Zip Code: Tavares FL 32778
Phone Number (352) 343-8667

K. Wicks 6/13/11 33279
(Seal, Signature, Date, and Registration Number)



Environmental, Sanitary & Water Resources Engineering

P. 352-343-8867 F. 352-343-8865
225 W MAIN ST TAVARES, FL 32776
WWW.WICKSCONSULTING.COM

FILE COPY

LETTER OF TRANSMITTAL

HAND DELIVERED

DATE June 13, 2011	JOB NO. 07136
ATTENTION DENNISE JUDY Domestic Waste Permitting	
RE: Shangri-La By The Lake Utilities Permit FLA010521-004-DW3 Operating Permit Renewal Application	

TO FDEP

3319 Maguire Blvd Ste 232

Orlando FL 32803-3767

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

COPIES	DESCRIPTION
4 ea	COMB BOUND SUBMITTAL of the following: FDEP Application Form 62-620.9010 (1) and (2) Form 1 and Form 2-A Quad Map / WWTF Site Plan w/Facility Flow Schematic Sludge Residuals Disposal Contract Flow Calibration Report / Backflow Prevention Device Test & Maintenance Report O & M Performance Report Capacity Analysis Report
1	Check #5955 \$1,000.00

☒ For approval

☐ For your information / use

☐ As requested

☐ For review and comment

☐ FOR BIDS DUE _____

☐ Fax Transmittal of _____ pages, including this transmittal sheet.

☐ Approved as submitted

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☐ For your file

☐ For Payment

Hard Copy to Follow ☐ Yes ☐ No

REMARKS:

Please contact our office if there are any questions regarding this submittal.

COPY TO Andy Werner w/encl.
Tom Felton (O & M and CA Report only)

SIGNED: Kay Henderson / Ted Wicks, P.E.
admin@wicksconsulting.com

If enclosures are not as noted, kindly notify us at once



Annual Drinking Water Quality Report
A Publication for Shangri-La by the Lake
PWS ID 3354028
Report for year 2010
Prepared 2011

We are pleased to present you with this year's Annual Water Quality Report. This report is designed to inform you about the quality of water and services we have delivered to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water.

Our water is produced by two (2) groundwater wells that draws water from the Floridan Aquifer, aerated for taste and odor control and is disinfected by chlorination.

If you have any questions concerning your water utility, please contact Shangri-La by the Lake Water Treatment Division

at (352-589-7744) between the hours of 8:00 a.m. and 5:00 p.m. We want our valued customers to be informed about their water utility.

Shangri-La by the Lake routinely monitors for contaminants in your drinking water according to Federal and State laws.

The state allows us to monitor for some contaminants less than once per year because the concentration for these contaminants do not change frequently. Except when indicated otherwise, this report is based on the results for the period January 1 to December 31, 2010. All water analyses are the most recent sampling in accordance with the Safe Water Drinking Act.

In this table, you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, we've provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/L): One part by weight of analyte to 1 million parts by weight of water sample.

Parts per billion (ppb) or Micrograms per liter (ug/l): One part by weight of analyte to 1 billion parts by weight of water sample.

Picocurie per liter (pCi/L): Picocuries per liter is a measure of the radioactivity in water.

Action Level (AL): the concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

N/A: means not applicable.

Maximum Contaminant Level (MCL): The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG): The "Goal" (MCLG) is the level of a contaminant in drinking water below that there is no known or expected risk to health. MCLG's allow for a margin of safety.

Maximum Residual Disinfectant Level or MRDL: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal or MRDLG: The level of a drinking water disinfectant below that there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Range: Indicates the lowest and highest analysis result.

FDEP: Florida Department of Environmental Protection

USEPA: United States Environmental Protection Agency.

IDSE: Initial Distribution System Evaluation. The IDSE is a one-time study conducted by water systems to identify distribution system locations with high concentrations of trihalomethanes (THMs) and haloacetic acids (HAAs). Water systems will use results from the IDSE, in conjunction with their Stage 1 Disinfection Compliance Monitoring Data (DBPR), to select compliance monitoring locations for the Stage 2 DBPR.

TEST RESULTS TABLE

Results in the "Level Detected" column for Radiological and Inorganic contaminants are from individual samples.

Radioactive Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Alpha emitters (pCi/l)	8/2009	N	3.9	N/A	0	15	Erosion of natural deposits

Inorganic Contaminants

Contaminant and Unit of Measurement	Dates of Sampling	MCL Violation Y/N	Level Detected	Range of results	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	4/2009	N	0.011	N/A	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	4/2009	N	0.11	N/A	4	4.0	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum levels between 0.7 and 1.2 ppm
Sodium (ppm)	4/2009	N	8.9	N/A	N/A	160	Salt water intrusion, leaching from soil

TTHMs and Stage 1 Disinfectant/Disinfection By-Product (D/DBP) Parameters

For bromate, chloramines, or chlorine, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. For haloacetic acids or TTHM, the level detected is the highest RAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly or is the average of all samples taken during the year if the system monitors less frequently than quarterly. Range of results is the range of individual sample results (lowest to highest) for all monitoring locations, including Initial Distribution System Evaluation (IDSE) results as well as Stage 1 compliance results.

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	MCL Violation Y/N	Level Detected	Range of results	MCLG Or MRDLG	MCL Or MRDL	Likely Source of Contamination
Chlorine (ppm)	1-12/2010	N	1.0	0.6-1.2	MRDLG =4	MRDL =4.0	Water additive to control microbes
Haloacetic Acids (HAA5) (ppb)	8/2009	N	11	N/A	N/A	MCL= 60	By-product of drinking water disinfection
TTHM (total trihalomethanes) (ppb)	8/2009	N	26.5	N/A	N/A	MCL= 80	By-product of drinking water disinfection

Lead and Copper (Tap Water)

Contaminant and Unit of Measurement	Dates of Sampling (mo./yr.)	AL Violation Y/N	90 th Percentile Results	No. of sampling sites exceeding the AL	MCLG	AL (action level)	Likely source of contamination
Copper (tap water) (ppm)	6/2008	N	0.15	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservative
Lead (tap water) (ppb)	6/2008	N	0.8	0	0	15	Corrosion of household plumbing systems; erosion of natural deposits

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land and through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- (A): Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock, and wildlife.
- (B): Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- (C): Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- (D): Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- (E): Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the US Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink two (2) liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

In 2009 the department of Environmental Protection performed a Source Water Assessment. The assessments were conducted to provide information about any potential sources of contamination in the vicinity of our wells. A search of the data sources indicated no potential sources of contamination. The assessment data is available on the FDEP website link is www.dep.state.fl.us/swapp/.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA and the Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

We at Shangri-La by the Lake work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Shangri-La by the Lake is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

#7

Water Sold Each Month between April, 2010 and May, 2011

	Water	Irrigation	Total
April, 2010	678000	0	678000
May, 2010	816000	0	816000
June, 2010	747000	661000	1408000
July, 2010	505000	0	505000
August, 2010	507000	0	507000
September, 2010	610000	438000	1048000
October, 2010	689000	0	689000
November, 2010	705000	0	705000
December, 2010	657000	485000	1142000
January, 2011	550000	0	550000
February, 2011	531000	0	531000
March, 2011	720000	297000	1017000
April, 2011	559000	0	559000
May, 2011	873000	0	873000
Total Gallons Sold	9147000	1881000	11028000

#9

WATER SYSTEM PUMPS ETC

UTILITY NAME: _____ Shangri-La by the Lake Utilities, Inc.

YEAR OF REPORT DECEMBER 31, 2010

SYSTEM NAME: _____

WELLS AND WELL PUMPS

(a)	(b)	(c)	(d)	(e)
Year Constructed _____	1982	2001	_____	_____
Types of Well Construction and Casing _____	submersible cast	submersible cast	_____	_____
Depth of Wells _____	350	330	_____	_____
Diameters of Wells _____	6"	8"	_____	_____
Pump - GPM _____	225	850	_____	_____
Motor - HP _____	10	30	_____	_____
Motor Type * _____	submersible	submersible	_____	_____
Yields of Wells in GPD _____	14,191	14,191	_____	_____
Auxiliary Power _____	no	yes	_____	_____
* Submersible, centrifugal, etc.				

RESERVOIRS

(a)	(b)	(c)	(d)	(e)
Description (steel, concrete) _____	steel	concrete	steel	_____
Capacity of Tank _____	3,000	15,000	5,000	_____
Ground or Elevated _____	ground	ground	ground	_____

HIGH SERVICE PUMPING

(a)	(b)	(c)	(d)	(e)
Motors				
Manufacturer _____	Baldor	Baldor	Baldor	Baldor
Type _____	JMM3219	JMM3219	SM3514T	SM3514T
Rated Horsepower _____	7.5	7.5	30	30
Pumps				
Manufacturer _____	Gould	_____	Jacuzzi	_____
Type _____	3656	_____	20DC4	_____
Capacity in GPM _____	125	_____	545	_____
Average Number of Hours Operated Per Day _____	unknown	_____	unknown	_____
Auxiliary Power _____	no	_____	yes	_____

Facilities Inventory (Source: Well)
Page Three

Plant Name: SHANGRI-LA BY
THE LAKE UTILITIES

HIGH SERVICE

Pump Number	1+2
Manufacturer Name	JACOZZI
Pump Type and Motor HP	CYN PUMP 1 1/2" IMH
*Model Number	20004
Date Installed	6/1/01
Capacity	545 GPM (2) (1090 TOT)
*Attach marked pump curve sheet.	

COMMENTS:

STORAGE FACILITIES: 1 = ground; 2 = hydropneumatic; 3 = elevated; 4 = clearwell

Tank Number/Type	HYDRO PNEUMATIC
Capacity	5000 (2500 BAG ACT)
Material	STEEL
Gravity Drain Capacity	YES (3" HOSERULE)
Bypass Capacity	6" C.I.P.
Covered/Screened Openings	
Pressure Gauge	YES
Sight Glass	YES
On/Off Pressure	YES
Height to Bottom of Elevated Tank	2'
Height to Maximum Water Level	6'

COMMENTS:

STATE OF FLORIDA
Department OF ENVIRONMENTAL PROTECTION
Facilities Inventory

This form must be completed and forwarded to DEP with the project engineer-of-record's "Certification of Completion" letter.

Plant Name SHANGRI-LA BY THE LAKE UTILITIES County CLAKE

Plant Address 100 SHANGRI-LA BLVD. Plant Phone 352-589-7744

City LEESBURG State FL Zip Code 34788

Owner Name SHANGRI-LA BY THE LAKE UTILITIES Owner Phone 352-589-7744

City LEESBURG State FL Zip Code 34788

Engineer-of-Record FRANK J. DANIELS III

Population proposed 3 Service Connections Proposed 18 % Metered 100

Design Capacity 1100 GPM WELLS PUMPS (850 & 250 #2 & #1)
1090 GPM HIGH PRESS. PUMPS

Type meter and capacity 6"

Service area characteristics (check all that apply):

<input type="checkbox"/> Airport	<input type="checkbox"/> Institution	<input type="checkbox"/> Recreation Area
<input checked="" type="checkbox"/> Subdivision	<input type="checkbox"/> Interstate Carrier	<input type="checkbox"/> Residential
<input type="checkbox"/> Bathing Area	<input type="checkbox"/> Lodge	<input type="checkbox"/> Rest Area
<input checked="" type="checkbox"/> Trailer Park	<input type="checkbox"/> Marina	<input type="checkbox"/> Restaurant
<input type="checkbox"/> Campground	<input type="checkbox"/> Motel	<input type="checkbox"/> Other
<input type="checkbox"/> Visitor Center		
<input type="checkbox"/> Company Town		
<input type="checkbox"/> Indian Reserve		

Emergency Water Source ☒ Emergency Power Source 20KW ALX POWER

AUTO STARTUP

GENERAL

Facilities Inventory (Source: Well)
Page Two

Plant Name:

SHANGRI-LA BY THE LAKE
UTILITIES

Well Number	2
Completion Date	10/2/99
Depth Drilled	330'
Length(s) of Casing	19'
Inside Diameter of Casing(s)	8"
Casing Material	CAST IRON
Depth of Static Water Level	8'
Pumping Level at Design Flow	10'
Design Pumping Rate	250
Test Yield, GPM	850
Pumping Level @ Test Yield	1000 GPM
Drilling Method	10'
Depth to Top of Pump	CABLE TOoled
Protection from Surface Water? (6" X 6" X 4" Concrete Pad)	20'
Pump Manufacturer's Name	YES
*Pump Model Number/H.P./ Capacity in GPM	GRIZWOLD
Check Valve or Foot Valve at Pump	BONSBYCE-T 3014W 850 GPM @ 60' HD
Check Valve Present Above Ground	YES

*Attach marked pump curve sheet.

COMMENTS:

Tank Information

1. The capacity of this tank is 3,000 gallons.
2. This tank was installed at the present location sometime around 1995 to 1997.
3. The interior was coated on the interior with a white colored material, possibly epoxy, that was sprayed onto the entire exterior.
4. This tank appears to have been coated on the exterior with a blue colored industrial enamel material.
5. It appeared that the interior has not been recoated or repaired since the initial installation.
6. It appeared that the exterior has not been recoated or repaired since the initial installation.

Tank Information

1. The capacity of this tank is 5,000 gallons.
2. The client had no information about the date this tank was installed at the present location. 99
3. The interior was coated on the interior with a white colored material, possibly epoxy, that was sprayed onto the entire exterior.
4. This tank appears to have been coated on the exterior with a blue colored industrial enamel material.
5. It appeared that the interior has not been recoated or repaired since the initial installation.
6. It appeared that the exterior has not been recoated or repaired since the initial installation.

**GRISWOLD PUMP CO.**

DATA SHEET E-631

Page 1 of 17

Date: Oct. 1, 1988

Model 30NS6YC2-T

INSTALLATION INSTRUCTIONS

and

OWNER'S MANUAL

for

GRISWOLD SUBMERSIBLE TURBINE PUMPSNorth
wallPLEASE READ THIS MANUAL BEFORE INSTALLING THE PUMP.INSPECTION

Examine equipment at time of receipt. Check that power cable is not cut or damaged, and that all equipment is correct for the particular installation. Handle pump and cable carefully, and do not load other material on top of them. This is very important because of the precise alignment of the assembly and the vulnerability of the cable.

INSTALLATION RECORD

Record the following details at the time of installation and retain for future reference:

Purchased From: _____
 Installed By: _____
 Date of Installation: _____
 Catalog Figure Number: _____
 Motor Make: _____ Motor Serial Number: _____
 Motor HP: 30 Volts: _____ Phase: _____ Cycle: _____
 Maximum Allowable Current: _____ Amps
 WELL: Inside Diameter: 8" In. Depth: 330 Ft.
 Standing Water Level: 57 Ft. Below Ground
 Depth to Lowest Perforation: _____ Ft. Below Ground
 RISER PIPE: Size: 8" In. Length: _____ Ft.
 (Refer to section on RISER PIPE)
 POWER CABLE: Size: _____ Length: _____ Ft.
 Distance Between Well and Point of Discharge: _____
 Discharge Operating Conditions: _____

Ticket #66147/64104

BARNEY'S PUMPS INC.

LAKELAND • JACKSONVILLE • CORAL SPRINGS

X North & South Lift Stations

CORPORATE OFFICES
3907 Highway 98 South
LAKELAND, FLORIDA
Zip Code 33813-4268
POST OFFICE BOX 3529
LAKELAND, FLORIDA
Zip Code 33802-3529
(863) 665-8500
Fax (863) 666-3858

OPERATION AND MAINTENANCE MANUAL

PROJECT: Eagle Point
Leesburg, Florida

ENGINEER: Jack Banning
Leesburg, Florida

CONTRACTOR: C D K Construction Co., Inc.
Ocala, Florida

EQUIPMENT PROVIDED BY BARNEY'S PUMPS, INC.**S/N S63869 & S/N S63870**

- (2) Model S3HRC300M2.2 Hydromatic Submersible Pumps with 30' Power Cords, 4.0" Impellers, 3" Discharge, 2" Solids Capability, 3 H.P., 3450-RPM Motors with Seal Failure and Overload Sensors for Design Conditions of: **80 GPM @ 25' TDH, 230/1/60.**
- (1) Duplex Rail System to Include:
 - (2) Base Elbows, 3"
 - (2) Pump Discharge Flanges, 3"
 - (2) Stainless Steel Lift Cables, 1/4" X 15' Long
 - (2) Stainless Steel Guide Rail Brackets
 - (1) Stainless Steel Cable Holder
 - (4) Stainless Steel Guide Rails, 1-1/2" X 20'
- (1) 36" X 48" Aluminum Wet Well Cover, all Stainless Steel Hardware with Locking Hasp.
(Rated: 300 PSF)
- (1) 48" X 48" Aluminum Valve Box Cover, all Stainless Steel Hardware with Locking Hasp.
(Rated: 300 PSF)
- (4) Model S50NO Roto-Float Level Controls, 50' Each.
- (1) Duplex Control Panel per F.D.E.P. Specifications.

SEWER Plant Blower QTY 2


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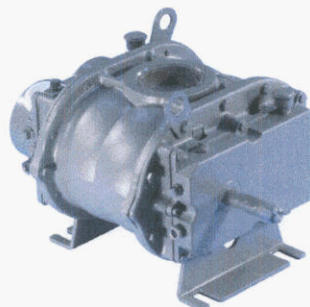
PRODUCTS

**ROOTS™ 56 URAI-J-DSL
WHISPAIR™ ROTARY POSITIVE
BLOWER**

ROOTS™ 56 URAI-J-DSL WHISPAIR™
ROTARY POSITIVE BLOWER

Price: \$2,940.00

In Stock? : No
Lead Time: 2 Weeks



1

Add to Cart

[Description](#) | [Documents](#) | [Related Products](#)
Roots Model 56 URAI-J-DSL

Flow Range: to 580 CFM

Max Δ Pressure: 13 psi

Max Δ Vacuum: 15" Hg

Max RPM: 2850

Min RPM: 763

Max ΔT: 225°F

Connection: 4" FPT

Shaft Dia.: 1.125

Drive End Lubrication: Oil

Gear End Lubrication: Oil

Required Oil for Gear End Horizontal Unit: 27.6 ounces

Required Oil for Drive End Horizontal Unit: 14.8 ounces

Required Oil for Gear End Vertical Unit: 16 ounces

Required Oil for Drive End Vertical Unit: 7.5 ounces

Unit Weight: 185 pounds (84.1 kg)

Shipping Box Size (LxWxH): 24.5"x19.5"x20" (622mmx495mmx508mm)

Shipping Container: Cardboard Box with formed foam

Common carrier is recommended

Roots Bill of Material (BOM) Number: T30415020

You must specify shaft orientation and discharge location to insure receiving
a properly oriented unit. Available configurations are Left/Bottom, Left/Top,
Right/Bottom, Right/Top, Top/Left, Top/Right, Bottom/Left and Bottom/Right

SEWER PLANT Blower motor QTY 2

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Catalog 402

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Inverter Duty Motor, Totally Enclosed Fan Cooled, HP 10, RPM 1750, Voltage 208-230/460, NEMA Frame 215T, 1.15 Service Factor, 60 Hz, 89.5 Nominal Efficiency, Rigid Mounting, Double-Shielded Ball Bearings, Thermal Protection None, Full Load Amps 27.2-24.6/12.3, Steel Frame, Insulation Class F, Ambient 40 C, CW/CCW Rotation, Shaft Diameter 1 3/8 In, Shaft Length 3 3/8 In

Grainger Item # 3KX09
 Price (ea.) N/A
 Brand DAYTON
 Mfr. Model # 3KX09
 Ship Qty. [?](#) 1
 Sell Qty. (Will-Call) [?](#) 1
 Ship Weight (lbs.) 167.9
 Usually Ships** [?](#) Discontinued
 Catalog Page No. 14 [?](#)
 Country of Origin Taiwan
 (Country of Origin is subject to change.)

[Enlarge Image](#)See [Notes & Restrictions](#) for important safety information.**⚠ This item has been discontinued and cannot be ordered online.**

Some discontinued items may be available through your local branch. An alternate item(s) may be available online. See the Alternate Products tab below.

OR

[Compare Alternates](#)Price shown may not reflect your price. [Sign in](#) or [register](#).

Tech Specs	Additional Information	Compliance & Restrictions	MSDS	Required Accessories	Optional Accessories	Alternate Products	Repair Parts
Item		General Purpose Motor					
Motor Type		3-Phase					
HP		10					
Nameplate RPM		1750					
Voltage		208-230/460					
NEMA Frame		215T					
Enclosure		Totally Enclosed Fan-Cooled					
Mounting		Base					
Hz		60					
Full Load Amps		27.2-24.6/12.3					
Duty		Inverter					
Service Factor		1.15					
Nominal Efficiency		89.5					
Bearings		Double-Shielded Ball					
Thermal Protection		None					
Rotation		CW/CCW					
Insulation Class		F					
Ambient (C)		40					
Overall Length (In.)		19-9/16					
Shaft Dia. (In.)		1-3/8					
Shaft Length (In.)		3-3/8					
Frame Material		Steel					
Efficiency Group		EPAct Eff, NEMA MG1 Table 12-11					
NEMA Standard		Inverter NEMA MG 1 Part 30. 10:1 Variable and 2:1 Constant Torque					
Rated		50 Hz Operation on 190/380V at 5/6 of 60 Hz HP and RPM at 1.0 SF					
Phase		3					
Usable on 200V @ 1.0 SF		Yes					
Standards		UL Recognized (E47479), CSA Certified (227508), CE					
Warranty (Years)		3					
Footnotes		5,10,15					
Mfr. Stock No.		3KX09					
RPM Range		1400-1800					

[View Catalog Page](#) [View Printable Page](#)

The "Usually Ships" reflects when an item is generally expected to ship from Grainger based on its stocking location. Real-time availability information will be shown during the checkout process and on the e-mail order confirmation (for U.S. and Puerto Rico - US customers only). Please allow additional delivery time for international orders.

Optional Accessories

More Accessories



Adapter, Motor Mount

Price (ea.): \$46.65

Brand: DAYTON

Qty [Add to Order](#)

Customers Also Viewed



Absorbent, Floor

Price: \$12.45

Brand: OIL-DR1



Plug, 5-15 NEMA

Price: \$19.94

Brand: HUBBELL WIRING DEVICE-KELLEMS



Plate, Wall, 1 Gang

Price: \$1.99

Brand: HUBBELL WIRING DEVICE-KELLEMS



Terminal, Butt, Blue, 16-14AWG, PK100

Price: \$17.90

Brand: 3M

B3887BHF

GOULDS PUMPS

*EAST & WEST LIFT STA. QTY 2 IN EACH
SPRINGS QTY 2*

WS_BHF Series Model 3887BHF

Submersible Sewage Pump

FEATURES

Impeller: Cast iron, enclosed, non-clog, dynamically balanced with pump out vanes for mechanical seal protection.

Casing: Cast iron flanged volute type for maximum efficiency. Designed for easy installation on A10-20 slide rail or base elbow rail systems.

Mechanical Seal: SILICON CARBIDE VS. SILICON CARBIDE sealing faces for superior abrasive resistance, stainless steel metal parts, BUNA-N elastomers.

Shaft: Corrosion-resistant, 300 series stainless steel. Threaded design. Locknut on all models to guard against component damage on accidental reverse rotation.

Fasteners: 300 series stainless steel.

Capable of running dry without damage to components.

Designed for continuous operation when fully submerged.

EXTENDED WARRANTY AVAILABLE FOR RESIDENTIAL APPLICATIONS.



AGENCY LISTINGS



Tested to UL 778 and CSA 22.2 108 Standards
By Canadian Standards Association
File #LR38549



www.goulds.com
Goulds Pumps is a brand of ITT Corporation.

Goulds Pumps is ISO 9001 Registered.

Wastewater

APPLICATIONS

Specifically designed for the following uses:

- Homes
- Sewage systems
- Dewatering/Effluent
- Water transfer
- Light industrial
- Commercial applications

Anywhere waste or drainage must be disposed of quickly, quietly and efficiently.

SPECIFICATIONS

Pump

- Solids handling capabilities: 2" maximum
- Capacities: up to 220 GPM
- Total heads: up to 81 feet TDH
- Discharge size: 2" NPT threaded companion flange as standard. 3" option available but must be ordered separately. (Order no. A1-3)
- Temperature: 104°F (40°C) continuous
140°F (60°C) intermittent.

MOTORS

- Fully submerged in high grade turbine oil for lubrication and efficient heat transfer. All ratings are within the working limits of the motor.

Class B insulation on 1/3-1 1/2 HP models.

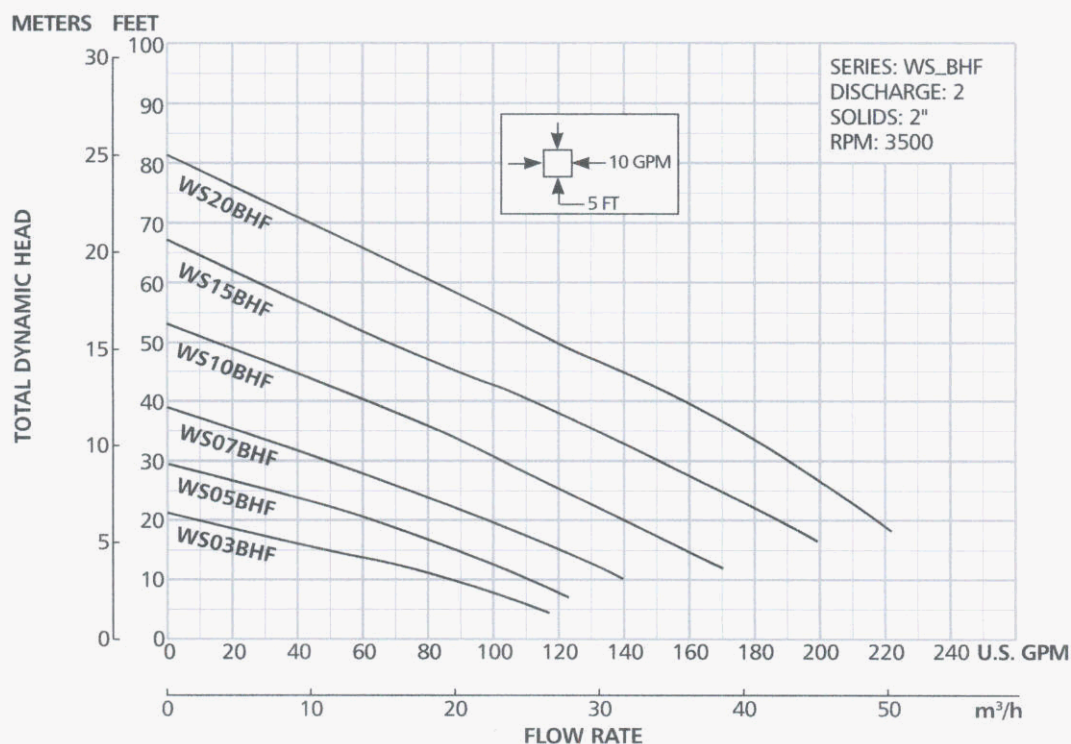
Class F insulation on 2 HP models.

Single phase (60 Hz):

- Capacitor start motors for maximum starting torque.
- Built-in overload with automatic reset.
- SJTOW or STOW severe duty oil and water resistant power cords.
- 1/3 – 1 HP models have NEMA three prong grounding plugs.
- 1 1/2 HP and larger units have bare lead cord ends.

Three phase (60 Hz):

- Class 10 overload protection must be provided in separately ordered starter unit.
- STOW power cords all have bare lead cord ends.
- **Bearings:** Upper and lower heavy duty ball bearing construction.
- **Designed for Continuous Operation:** Pump ratings are within the motor manufacturer's recommended working limits, can be operated continuously without damage when fully submerged.
- **Power Cable:** Severe duty rated, oil and water resistant. Epoxy seal on motor end provides secondary moisture barrier in case of outer jacket damage and to prevent oil wicking. Standard cord is 20'. Optional lengths are available.
- **Motor Cover O-ring:** Assures positive sealing against contaminants and oil leakage.

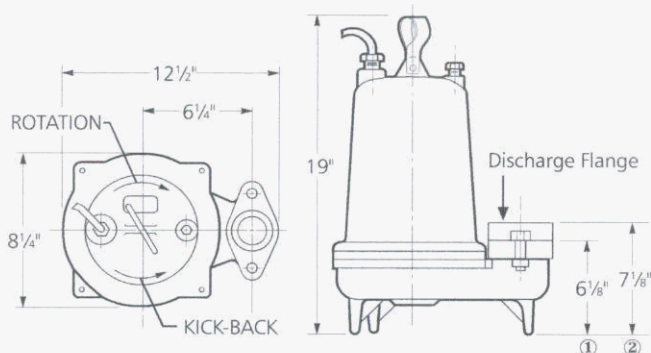


MOTOR AND MODEL INFORMATION

Order Number	HP	Phase	Volts	RPM	Impeller Dia. (In.)	Max. Amps	Locked Rotor Amps	KVA Code	Full Load Motor Eff. %	Resistance	
										Start	Line-Line
WS0311BHF	0.33	1	115	3500	2.94	12.4	46.0	M	54	7.5	1.0
WS0318BHF	0.33	1	208			6.8	31.0	K	68	9.7	2.4
WS0312BHF	0.33	1	230			6.2	34.5	M	53	9.6	4.0
WS0511BHF	0.5	1	115		3.19	14.5	46.0	M	54	7.5	1.0
WS0518BHF	0.5	1	208			8.4	31.0	K	68	9.7	2.4
WS0512BHF	0.5	1	230			7.6	34.5	M	53	9.6	4.0
WS0538BHF	0.5	3	200			4.9	22.6	R	68	—	3.8
WS0532BHF	0.5	3	230			3.6	18.8	R	70	—	5.8
WS0534BHF	0.5	3	460			1.8	9.4	R	70	—	23.2
WS0537BHF	0.5	3	575			1.5	7.5	R	62	—	35.3
WS0718BHF	0.75	1	208		3.44	11.0	31.0	K	68	9.7	2.4
WS0712BHF	0.75	1	230			10.0	27.5	J	65	12.2	2.7
WS0738BHF	0.75	3	200			6.2	20.6	L	64	—	5.7
WS0732BHF	0.75	3	230			5.4	15.7	K	68	—	8.6
WS0734BHF	0.75	3	460			2.7	7.9	K	68	—	34.2
WS0737BHF	0.75	3	575			2.2	9.9	L	78	—	26.5
WS1018BHF	1	1	208		3.75	14.5	59.0	K	68	9.3	1.1
WS1012BHF	1	1	230			13.0	36.2	J	69	10.3	2.1
WS1038BHF	1	3	200			8.6	27.6	M	77	—	2.7
WS1032BHF	1	3	230			7.5	24.1	L	79	—	4.1
WS1034BHF	1	3	460			3.8	12.1	L	79	—	16.2
WS1037BHF	1	3	575			3.1	9.9	L	78	—	26.5
WS1512BHF	1.5	1	230		4.00	18.0	52.0	J	67	2.76	0.53
WS1538BHF	1.5	3	200			10.0	42.4	K	78	—	1.7
WS1532BHF	1.5	3	230			9.6	42.4	K	78	—	1.7
WS1534BHF	1.5	3	460			4.8	21.2	K	78	—	6.6
WS1537BHF	1.5	3	575			3.9	16.3	L	78	—	10.5
WS2012BHF	2	1	230		4.44	18.0	49.6	F	78	3.2	1.1
WS2038BHF	2	3	200			12.0	42.4	K	78	—	1.7
WS2032BHF	2	3	230			11.6	42.4	K	78	—	1.7
WS2034BHF	2	3	460			5.8	21.2	K	78	—	6.6
WS2037BHF	2	3	575			4.7	16.3	L	78	—	10.5

DIMENSIONS

(All dimensions are in inches. Do not use for construction purposes.)



Discharge Flange:

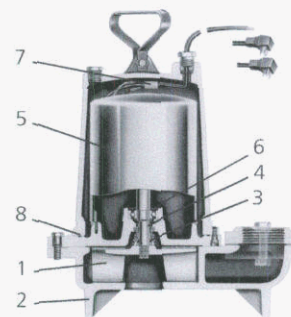
- ① 2" NPT standard
- ② 3" NPT optional (order an A1-3)

PERFORMANCE RATINGS (gallons per minute)

Order No.	WS03BHF	WS05BHF	WS07BHF	WS10BHF	WS15BHF	WS20BHF
HP ▶	1/3	1/2	3/4	1	1 1/2	2
RPM ▶	3500	3500	3500	3500	3500	3500
Total Head Feet of Water	10 ▶	86	110	140	—	—
	15	48	88	120	158	—
	20	—	62	98	139	186
	25	—	32	74	120	170
	30	—	—	49	101	150
	35	—	—	21	82	130
	40	—	—	—	60	110
	45	—	—	—	38	88
	50	—	—	—	—	67
	55	—	—	—	—	47
	60	—	—	—	—	29
	65	—	—	—	—	—
	70	—	—	—	—	—
	75	—	—	—	—	—

COMPONENTS (for reference only)

Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Ball Bearings
7	Power Cable
8	Casing O-Ring



** For repair parts, reference repair parts book.*

SPRAY FIELD PUMP

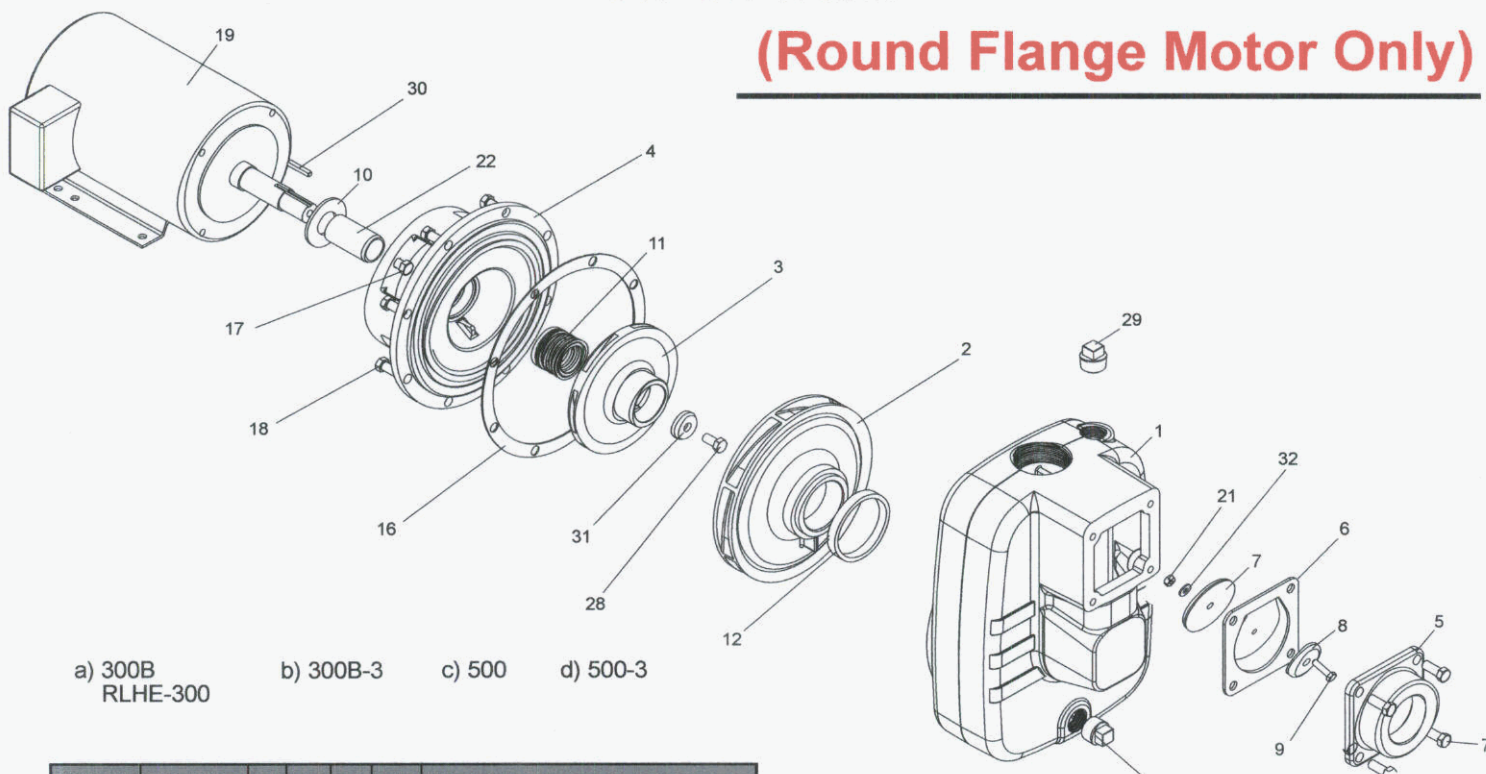
Monarch - NSPHE

Red Lion - RLHE-300 SERIES

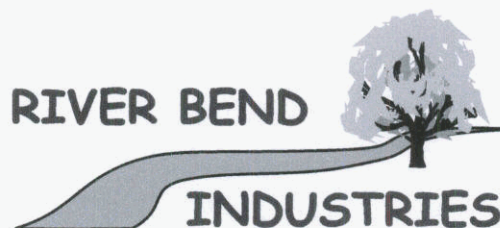
Lawn and Turf Sprinkler Pumps

3 HP-5HP Models

(Round Flange Motor Only)



Ref. #	Part #	a	b	c	d	Description
1	433109	1	1	1	1	Casing
2	433197	1	1	1	1	Diffuser
3	433196	1	1			Impeller
	433140			1	1	Impeller
4	433141	1	1	1	1	Adapter
5	414730	1	1			Port Adapter
	414731			1	1	Port Adapter
6	191261	1	1	1	1	Flapper
7	014740	1	1	1	1	Top Weight
8	013150	1	1	1	1	Bottom Weight
9	225750	1	1	1	1	Hex HD. Bolt 1/4UNC x 1 1/2 IN PL
10	190848	1	1			Flinger
	194140		1			Flinger
11	240070	1	1	1	1	Seal
12	246237	1	1	1	1	Diffuser Ring
16	193924	1	1	1	1	Gasket
17	120010	8	8	8	8	Hex HD. Bolt 3/8 UNC x 1 1/2
18	120000	8	8	8	8	Hex HD. Bolt 3/8 UNC x 7/8
19	218700	1				Motor 3HP*1PH*230V
	218702		1			Motor 3HP*3PH*230/460V
	217696		1			Motor 3HP*3PH*575V *TEFC*
	218705			1		Motor 5HP*1PH*230V
	218707				1	Motor 5HP*3PH*230/460V
	218708				1	Motor 5HP*3PH*230/460V
21	227810	1	1	1	1	Hex Nut 1/4UNC ZN PL
22	266006	1	1	1	1	Sleeve
23	240071	1	1	1	1	Spring Holder
28	125794	1				Hex HD Bolt 3/8 UNC x 7/8
	226200				1	Hex HD. Bolt 3/8UNC x7/8 ZN PL
	125794		1	1		Hex HD. Bolt 3/8 UNC x 7/8 SST
29	185650	2	2	2	2	Pipe Plug 3/4 NPT
30	432020			1	1	Key 3/16 x 1.375
	432015	1	1			Key 3/16 x 1.25
31	416720			1	1	Washer
	416721	1	1			Washer
32	175000	1	1	1	1	Washer 1/4



Moorhead, MN 56560
218-236-1818
800-365-3070
www.riverbendind.com

SPRAY FIELD pump motor (1)



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JMM3610T



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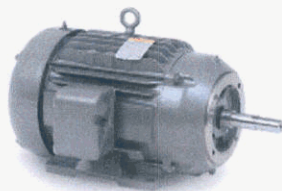
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Product Overview: JMM3610T



* [Click for Larger Image](#)

Catalog Number: JMM3610T

Description: 3HP,3450RPM,3PH,60HZ,182JM,3528M,TEFC,F1

Ship Weight: 53 lbs.

List Price: \$788

Multiplier Symbol: L1

[View Specifications](#) | [View Operation Manual](#)

FEATURES

- Heavy gauge steel frames
- Moisture resistant ISR® (Inverter Spike Resistant) copper windings
- Over-sized ball bearings with locked drive end construction to minimize endplay
- Low-loss electrical grade lamination steel
- Open drip-proof, close coupled pump motors are furnished with rodent screens at both ends

APPLICATIONS

Designed for a wide variety of applications for circulating and transferring fluids. Mounting designed to support pump unit.

* The image shown is representative only. Actual product may differ in appearance from image shown.

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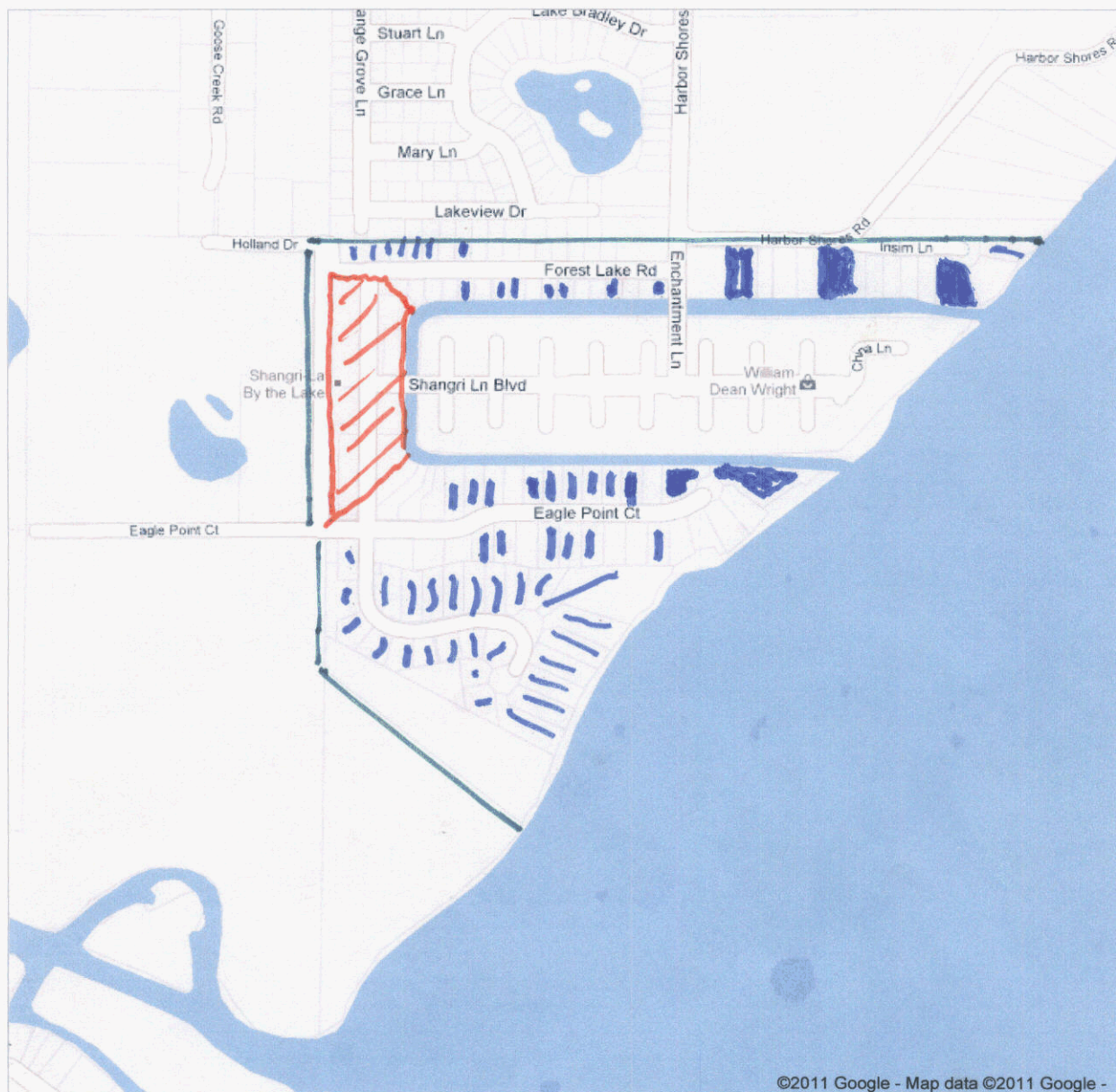
#10






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-  VACANT LOT
 -  UN PLATTED
 -  SERVICE AREA
- ALL ARE WATER CUSTOMERS



ALL ARE SERVED WATER

Sunshine State One Call of Florida



EXISTING FIRE HYDRANT

INSTALL TEMPORARY JUMPER

CONNECT TO EXISTING 10" TEE
& INSTALL 8" GATE VALVE

EAGLE POINT PHASE I
(PLAT 43, PAGES 9-12)

THIS AREA ALREADY
PLATTED & NOT A PART
OF THIS PROJECT

THE SEWERMAIN INTO
EXISTING 10" STORM
INV. ELEV. 56.30

INSTALL 308 L.F. 8"
PVC SEWERMAIN
MIN. SLOPE 0.4%

TRACT C

INSTALL 273 L.F. 8"
C-900 PVC WATERMAIN
SINGLE SERVICE

INSTALL 22-1/2" 8" M.J.
INSTALL 51 L.F. 8"
C-900 PVC WATERMAIN

INSTALL 22-1/2" 8" M.J.
INSTALL 69 L.F. 8"
C-900 PVC WATERMAIN

CONSTRUCT FIRE HYDRANT
ASSEMBLY W/ VALVE

INSTALL 8" X 8" 6" TEE
INSTALL 16 L.F. 8"
C-900 PVC WATERMAIN

INSTALL 45" M.J.

SANITARY MANHOLE #1
TOP ELEV. 65.56
NW INV. ELEV. 57.73
SW INV. ELEV. 57.85

24

SINGLE SERVICE
INSTALL 126 L.F.
PVC SEWERMAIN
MIN. SLOPE 0.4%

SANITARY MANHOLE #2
TOP ELEV. 65.62
NW INV. ELEV. 58.33
E INV. ELEV. 58.43

23

DOUBLE SERVICE

22

10' MINIMUM DISTANCE
BETWEEN WATER MAIN
& SEWER MAIN

INSTALL 238 L.F.
8" PVC SEWERMAIN
MIN. SLOPE 0.4%

21

20

SANITARY MANHOLE #3
TOP ELEV. 65.71
W INV. ELEV. 59.48
E INV. ELEV. 59.38

19

INSTALL 377 L.F.
8" PVC SEWERMAIN
MIN. SLOPE 0.4%

18

INSTALL 264 L.F.
8" SEWERMAIN
DURING ROAD CONSTRUCTION

SANITARY MANHOLE #5
TOP ELEV. 66.81
NE INV. ELEV. 62.15

17

DOUBLE SERVICE

16

INSTALL 2" BLOWOFF

INSTALL 559 L.F. 8"
C-900 PVC WATERMAIN

DOUBLE SERVICE

DOUBLE SERVICE

INSTALL 45" M.J.

DOUBLE SERVICE

SANITARY MANHOLE #4
TOP ELEV. 63.67
NW INV. ELEV. 60.99
SW INV. ELEV. 61.09

10

DOUBLE SERVICE

11

INSTALL 22 L.F. 8"
C-900 PVC WATERMAIN

INSTALL 8" X 4" X 8" TEE

12

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

13

14

15

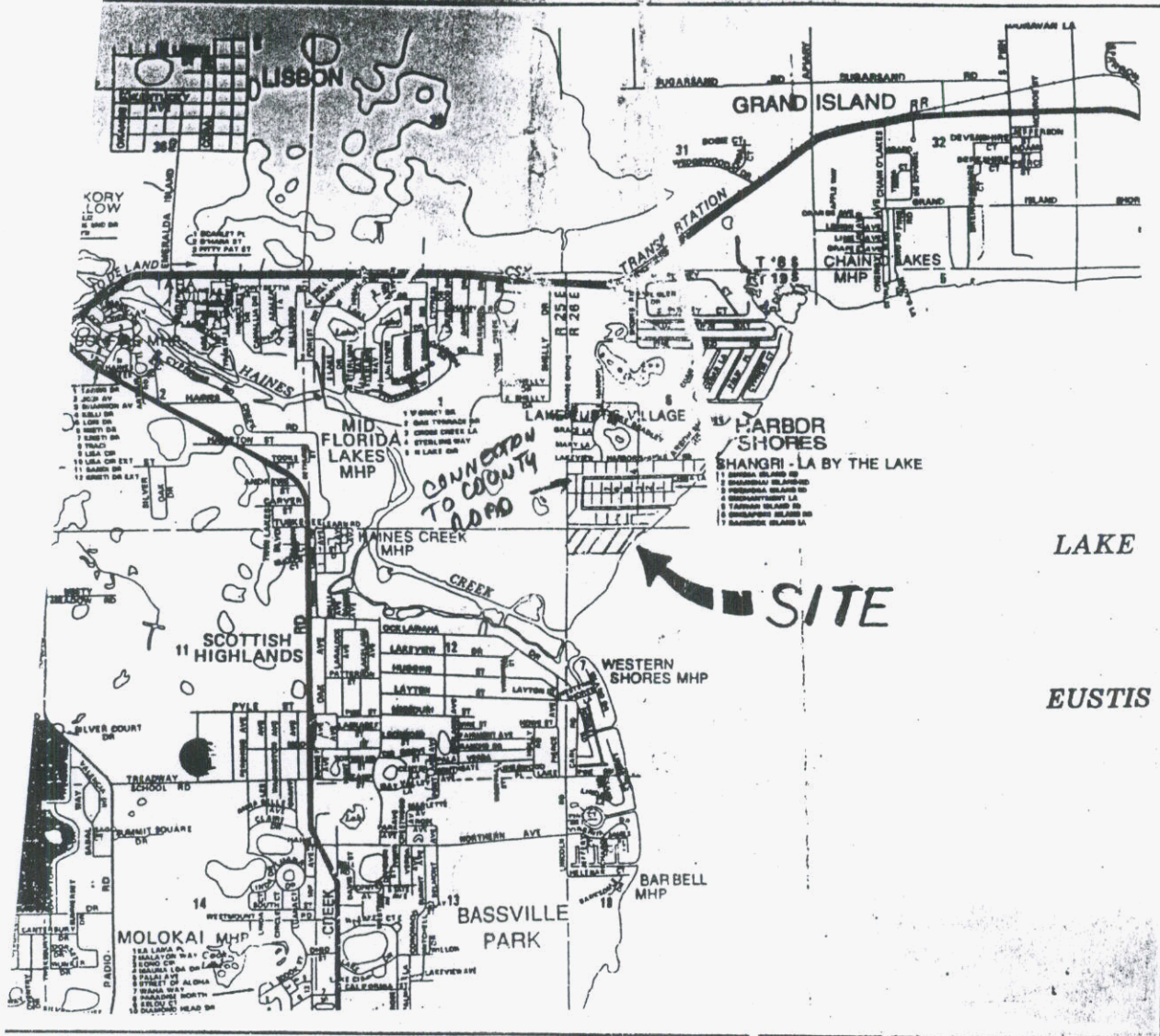
TRACT A

TRACT B

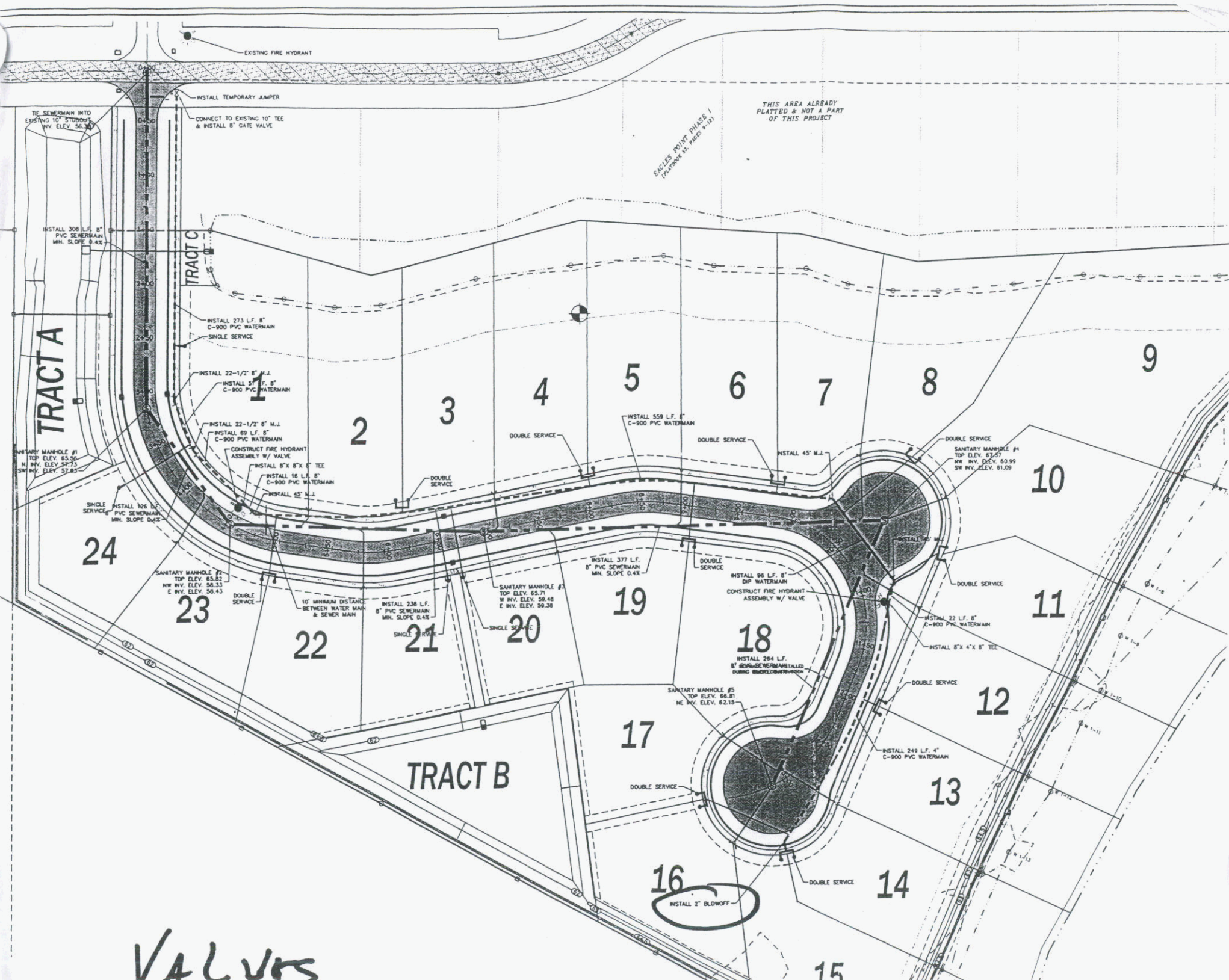
ALL VACANT
WATER
SOUTH SERVICE
AREA

VALUES

ENGINEER: JACK BANNING P.E.
406 N. 13th ST, LEESBURG, FL 34749
352-787-7776



LOCATION MAP







VALVES

#12

To see all the details that are visible on the screen, use the "Print" link next to the map.



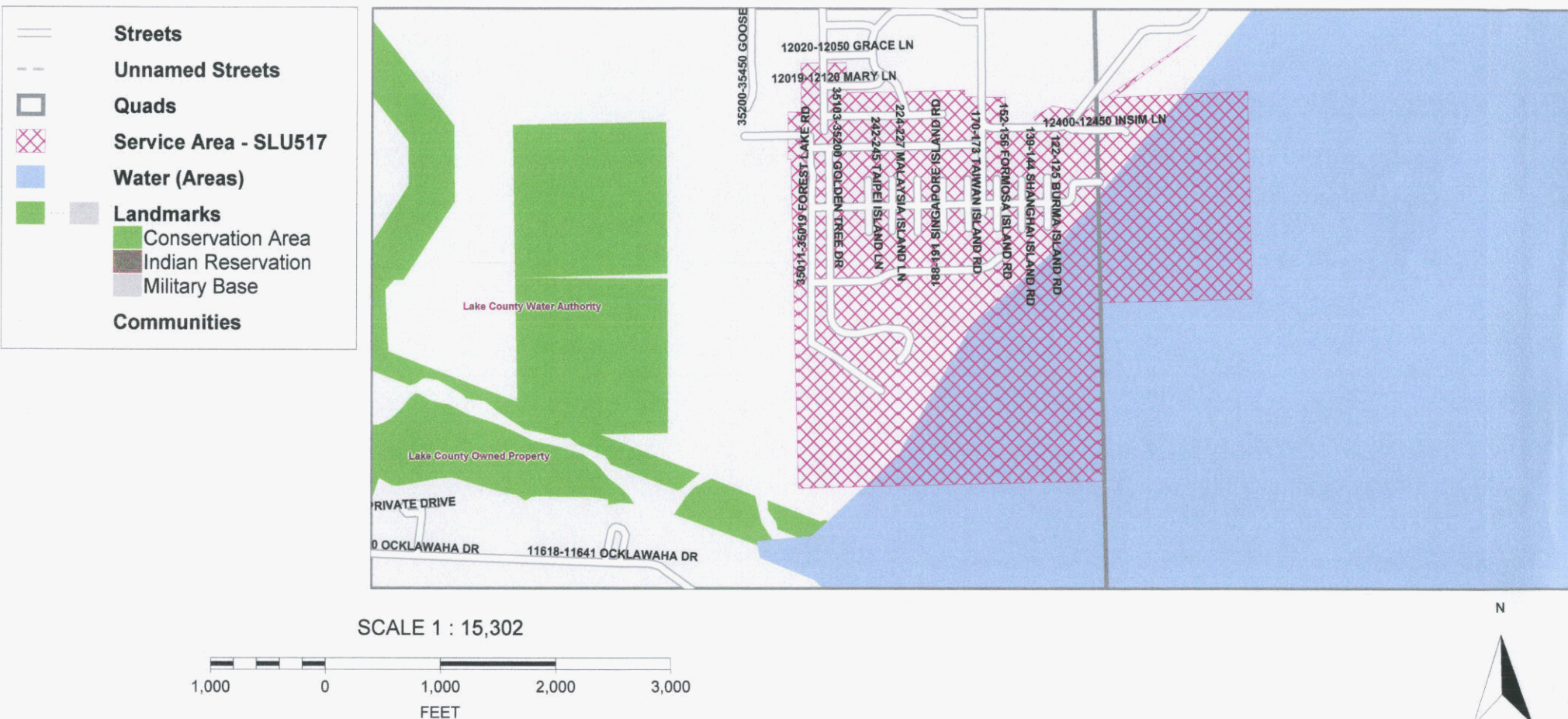
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-  VACANT LOT
-  UN PLATTED
-  SERVICE AREA
-  THESE ARE THE ONLY CUSTOMERS THAT AREN'T SEWER SERVED



ALL ARE SERVED SEWER

Sunshine State One Call of Florida



EXISTING FIRE HYDRANT

~~EAGLE POINT CT~~

INSTALL TEMPORARY JUMPER
CONNECT TO EXISTING 10" TEE
& INSTALL 8" GATE VALVE

EAGLES POINT PHASE I
PLANNING SHEET #101

THIS AREA ALREADY
PLATTED & NOT A PART
OF THIS PROJECT

TIE SEWERMAIN INTO
EXISTING 10" STUBBOYS
WV. ELEV. 56.43

INSTALL 308 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

TRACT A

TRACT C

INSTALL 273 L.F. 8"
C-900 PVC WATERMAIN
SINGLE SERVICE

INSTALL 22-1/2' 8" M.J.
INSTALL 51' F. 8"
C-900 PVC WATERMAIN

INSTALL 22-1/2' 8" M.J.
INSTALL 69 L.F. 8"
C-900 PVC WATERMAIN

CONSTRUCT FIRE HYDRANT
ASSEMBLY W/ VALVE

INSTALL 18 L.F. 8"
C-900 PVC WATERMAIN

INSTALL 45' M.J.

INSTALL 308 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

SANITARY MANHOLE #1
TOP ELEV. 63.56
W INV. ELEV. 57.75
SW INV. ELEV. 57.83

DOUBLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

DOUBLE SERVICE

10' MINIMUM DISTANCE
BETWEEN WATER MAIN
& SEWER MAIN

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

SANITARY MANHOLE #2
TOP ELEV. 65.71
W INV. ELEV. 59.48
E INV. ELEV. 59.38

SINGLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

SANITARY MANHOLE #3
TOP ELEV. 65.71
W INV. ELEV. 59.48
E INV. ELEV. 59.38

SINGLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

INSTALL 238 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

SINGLE SERVICE

INSTALL 559 L.F. 8"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 45' M.J.

DOUBLE SERVICE

INSTALL 96 L.F. 8"
DIP WATERMAIN
CONSTRUCT FIRE HYDRANT
ASSEMBLY W/ VALVE

DOUBLE SERVICE

INSTALL 377 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

DOUBLE SERVICE

INSTALL 264 L.F. 8"
C-900 PVC SEWERMAIN
MIN. SLOPE 0.4%

DOUBLE SERVICE

SANITARY MANHOLE #5
TOP ELEV. 66.81
W INV. ELEV. 62.15

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

DOUBLE SERVICE

SANITARY MANHOLE #4
TOP ELEV. 63.57
W INV. ELEV. 60.99
SW INV. ELEV. 61.09

DOUBLE SERVICE

INSTALL 96 L.F. 8"
DIP WATERMAIN
CONSTRUCT FIRE HYDRANT
ASSEMBLY W/ VALVE

DOUBLE SERVICE

INSTALL 32 L.F. 8"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 8'X 4'X 8' TEE

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

DOUBLE SERVICE

INSTALL 249 L.F. 4"
C-900 PVC WATERMAIN

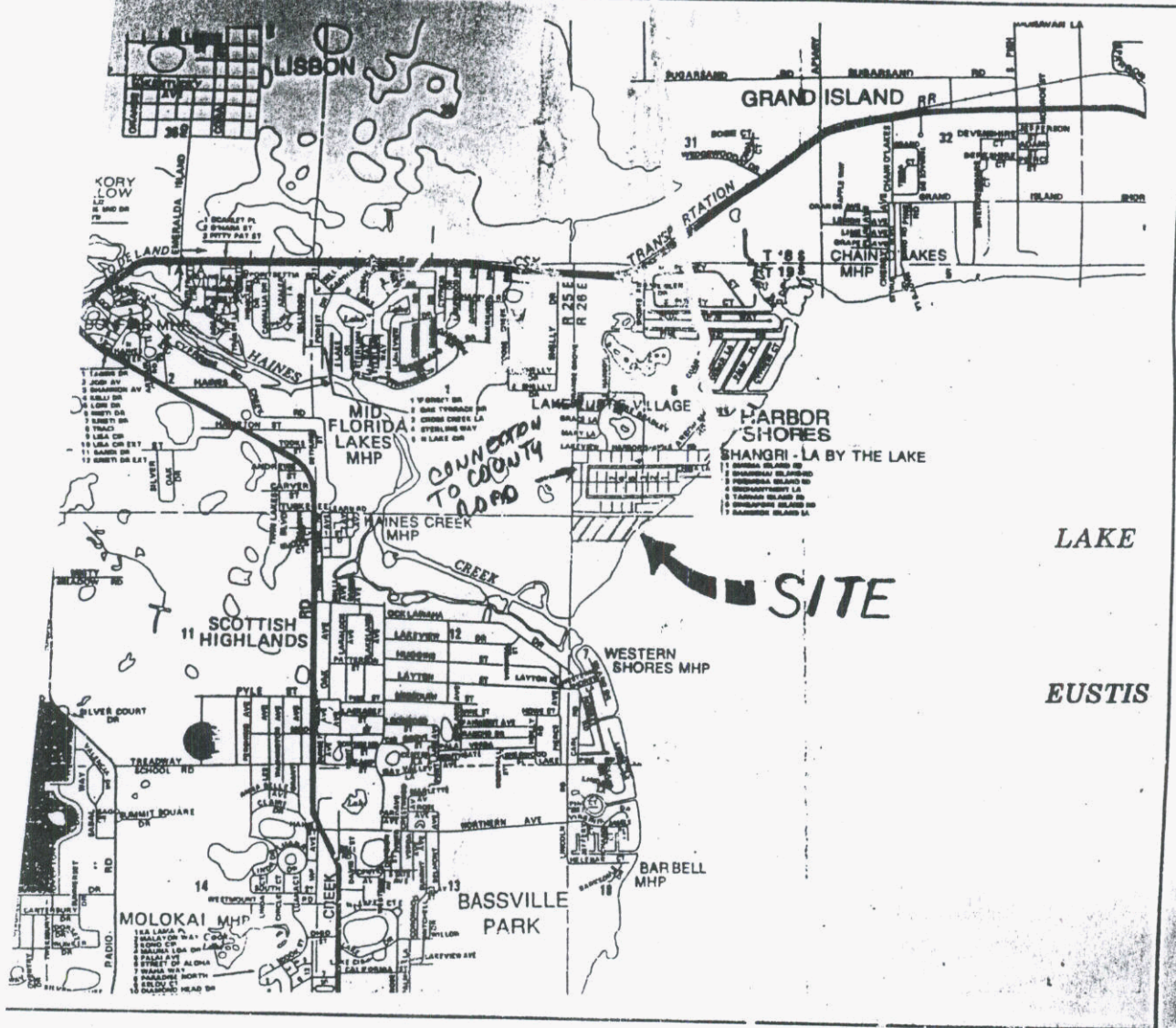
DOUBLE SERVICE

TRACT B

ALL VACANT
SEWER
SOUTH SERVICE
AREA

INSTALL 2" BLOWOFF

ENGINEER: JACK BANNING P.E.
406 N. 13th ST, LEESBURG, FL 34749
352-787-7776



LOCATION MAP

#13

1:27 PM

07/07/11

Accrual Basis

Shangri-La By The Lake Utilities
Sewer - Maintenance & Repairs
 January through December 2010

Date	Name	Memo	Amount	Balance
Sewer				
MaintRepair				
1/7/2010	Utility Technicians, Inc.	Replace band aid on ai...	337.75	337.75
1/19/2010	A. D. Rosier Plumbing & Heat...	0239447	14.59	352.34
3/12/2010	A. D. Rosier Plumbing & Heat...	Pump for spray field	543.93	896.27
3/12/2010	A. D. Rosier Plumbing & Heat...		92.56	988.83
4/5/2010	Laura Werner	Circuit Board	183.97	1,172.80
6/4/2010	HAJOCA Gorman Co.	PumpMaster Float Swit...	79.93	1,252.73
7/27/2010	A. D. Rosier Plumbing & Heat...	242344, 242535, 242608	202.70	1,455.43
8/11/2010	A. D. Rosier Plumbing & Heat...	O-Ring, Ell, Coupling	28.23	1,483.66
8/16/2010	Tavares Electric Motor Repair	32918, 32910	332.35	1,816.01
8/27/2010	Belew's Welding Service	Repair/fabrication on w...	517.88	2,333.89
8/27/2010	HD Supply Waterworks, Ltd.	Manhole Riser	43.87	2,377.76
9/4/2010	Bronson Ace Hardware & Paint		8.29	2,386.05
9/28/2010	A. D. Rosier Plumbing & Heat...	243531	13.33	2,399.38
10/18/2010	Werner & Werner, Inc.	Charlie's Drain Cleaning	135.00	2,534.38
10/21/2010	A. D. Rosier Plumbing & Heat...	11046	185.17	2,719.55
11/29/2010	Werner & Werner, Inc.	Home Depot Hose & H...	12.46	2,732.01
12/14/2010	Sandy Schnulle	Charlie's Drain Cleaning	135.00	2,867.01
12/16/2010	Home Depot	Rake Handle, Paint, Sh...	9.79	2,876.80
Total MaintRepair			2,876.80	2,876.80
Total Sewer			2,876.80	2,876.80
TOTAL			2,876.80	2,876.80

1:29 PM

07/07/11

Accrual Basis

Shangri-La By The Lake Utilities
Water - Maintenance & Repairs
 January through December 2010

Date	Name	Memo	Amount	Balance
Water				
MaintRepair				
1/7/2010	Utility Technicians, Inc.	Lift Station at Eagle Point & ...	703.18	703.18
2/9/2010	Sunstate Meter & Supply, Inc.	Cover only	106.55	809.73
3/12/2010	CJ's Power Systems	Minor pm per contract	114.40	924.13
6/29/2010	Utility Technicians, Inc.	Aerator Tank per proposal	9,985.00	10,909.13
6/29/2010	Utility Technicians, Inc.	Remove excess sand from A...	1,200.00	12,109.13
6/29/2010	Utility Technicians, Inc.	Service call to lift station by p...	342.10	12,451.23
6/29/2010	HD Supply Waterworks, Ltd.	3 PVC S80 Male Adpt, 3 Brz ...	84.16	12,535.39
6/29/2010	American Pipe & Tank Inc.	Remove trash, debris & jet cl...	650.00	13,185.39
7/27/2010	CJ's Power Systems	Minor PM per contract	114.40	13,299.79
8/3/2010	Bronson Ace Hardware & P...		7.90	13,307.69
8/27/2010	HD Supply Waterworks, Ltd.	Manhole Riser	43.87	13,351.56
9/28/2010	A. D. Rosier Plumbing & He...	243260	4.15	13,355.71
10/18/2010	Werner & Werner, Inc.	Besco on 6/29	107.22	13,462.93
11/4/2010	Besco Electric Supply	001-230-118 Phase Monitor	90.59	13,553.52
12/16/2010	Home Depot	Rake Handle, Paint, Shelf Br...	9.79	13,563.31
12/30/2010	CJ's Power Systems	Minor PM per contract	124.90	13,688.21
12/31/2010		Reclass Purchase of Aerator...	-11,527.10	2,161.11
Total MaintRepair			2,161.11	2,161.11
Total Water			2,161.11	2,161.11
TOTAL			2,161.11	2,161.11

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Utility Technicians, Inc.

Water and Sewer Specialty Contractor
State Licensed Utility Contractor #CUC032601

Office (352) 669-5822
Fax (352) 669-6037

PROPOSAL

630 Goodbar Avenue
Umatilla, Florida 32784

NAME / ADDRESS

Shangri-la By The Lake
C.O. Werner & Werner, Inc.
1214 W. II Route 72
Leaf River, IL 61047

DATE 5/31/2011

PROPOSAL 4487

JOB:

Water Line Valve

Net 30

Utility Technicians will furnish all material, equipment, and labor to install a new 4" ductile iron mechanical joint gate valve in the water line by the canal. Valve to have a 2" operating nut and cast iron valve box with a "WATER" lid. Backfill excavation and rough grade.

Does not include the following:

Concrete housekeeping pad around valve box.
Brass valve tag to identify size and type of valve.
Boil water notifications.
Water samples for bacteriological test.
Notices for the lifting of the boil water notices.
Sod or landscaping.

TOTAL: \$3,012.00

All material and workmanship is guaranteed for one year or as stated. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an additional charge over and above estimate. All agreements contingent upon strikes, accidents, delays beyond our control. Owner to carry fire and other necessary insurance. Our workers are fully covered by Worker's Compensation Insurance.

Terms: Proposal valid for thirty (30) days from date of proposal.

Payment due as listed above.

SIGNATURE:

Todd Pealy

DATE: 5/31/2011

ACCEPTANCE OF CONTRACT: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified above:

SIGNATURE:

DATE:

Utility Technicians, Inc.

Water and Sewer Specialty Contractor
State Licensed Utility Contractor #CUCOS2605

Office (352) 669-5822
Fax (352) 669-6037

PROPOSAL

630 Goodbar Avenue
Umatilla, Florida 32784

NAME / ADDRESS

Shangri-La By The Lake
C.O Werner & Werner, Inc.
1214 W. II Route 72
Leaf River, IL 61047

DATE 5/18/2011**PROPOSAL** 4474**JOB:**

Bridge Water Line

Net 30

Utility Technicians will furnish all material, equipment, and labor to install a new water line on the bridge per the following scope:
Install fabricated steel piping supports to the bridge side, anchor to be stainless steel.
Install new 6" ductile iron piping with elbows and sleeves to connect to the existing line.
Install a new 6" gate valve on new line.

Coordinate with operator and staff for shut down and change over to new line.
Boil water notices by others.
Water samples by others.

TOTAL: \$8,482.00

All material and workmanship is guaranteed for one year or as stated. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an additional charge over and above estimate. All agreements contingent upon strikes, accidents, delays beyond our control. Owner to carry fire and other necessary insurance. Our workers are fully covered by Worker's Compensation Insurance.

Terms: Proposal valid for thirty (30) days from date of proposal.

Payment due as listed above.

SIGNATURE:Todd Lealy**DATE:** 5/18/2011

ACCEPTANCE OF CONTRACT: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified above:

SIGNATURE:**DATE:**

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Shangri-La By The Lake Utilities, Inc.

Business Manager:

Jay E. Werner
1214 West Route 72
Leaf River, IL 61047
(815) 738-2508
telephone & fax
e-mail: jaylaura6@msn.com

Site Manager:

Andrew Werner
100 Shangri-La Blvd.
Leesburg, FL 34788
(800) 682-7744
telephone & fax

July 5, 2011

Two General Service Meters; One Customer:

Werner & Werner, Inc.

- Clubhouse
- Pool