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STUART, FLORIDA 34994
(772) 287-1745

TRANSOCEAN BUILDING
SUITE 309

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JACOB E. ENSOR

†CERTIFIED CIRCUIT CIVIL MEDIATOR

March 14, 2016

Via Electronic Mail Only

Office of Commission Clerk
Florida Public Service Commission
Attn: Kyesha R. Mapp
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket # 160022-SU; Application for Certificate to Provide Wastewater Service in St. Lucie, County by Tropical Isles Utilities Corporation

Dear Ms. Mapp:

This is in response to your letter dated February 12, 2016, concerning the deficiencies in the application submitted for Tropical Isles Utilities Corporation. The following are the responses to each item set forth in your letter:

1. The Affidavit of Publication of Notice of Application for the date of publication, January 20, 2016, was previously submitted by regular mail on February 4, 2016.
2. The Federal Employer Identification Number for Tropical Isles Utilities Corporation is 65-1129116.
3. Documentation from the Florida Department of State, Division of Corporations showing the Utilities business name and registration/document number is attached hereto.
4. No entity or person owns more than five percent (5%) of the utility. Tropical Isles Utilities Corporation is a not-for-profit corporation whose members are the residents receiving the services. All residents receiving services from Tropical Isles Utilities Corporation have a membership in the corporation.
5. The persons receiving wastewater services from Tropical Isles Utilities Corporation are provided with water service from Fort Pierce Utilities Authority.

Kyesha R. Mapp
Office of Commission Clerk
Florida Public Service Commission
March 14, 2016
Page 2 of 2

6. The type of customers served by Tropical Isles Utilities Corporation are manufactured homes on individual Lots. The Lots are owned by the Cooperative Association, Tropical Isles Co-op, Inc.

7. A copy of the Financial Statement for the period January 1, 2015 through December 31, 2015, and a Profit and Loss statement for that same time period are attached.

8. The applicant is not relying on any entity for funding and no entity or person has an ownership of five percent (5%) or greater.

9. Tropical Isles Utilities Corporation has been operating the wastewater services to the Tropical Isles Community since 2001. A copy of the current Permit from the Department of Environmental Protection is attached. A copy of the most recent Department of Environmental Protection Compliance Inspection is attached. There is no correspondence with the Department of Environmental Protection and/or County Health Department concerning any consent orders or warning letters in the past five (5) years.

10. The current rates and charges for wastewater services were established by the Board of Directors in 2013. A copy of the minutes of the Board Meeting wherein authorization occurred is attached hereto.

11. A copy of the Tariff adopted by the Board of Directors on March 14, 2016 is attached hereto.



This concludes the response to your deficiencies outlined in your letter of February 12, 2016. Please let me know if you require any additional information. We look forward to approval of the application for Tropical Isles Utilities Corporation. Thank you.

Yours truly,



Elizabeth P. Bonan, Esquire
EPB/swa
Attachments
Cc: Client

**DOCUMENTATION FROM
FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS**

FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS	
 	
Detail by Entity Name	
Florida Not For Profit Corporation	
TROPICAL ISLES UTILITIES CORPORATION	
<u>Filing Information</u>	
Document Number	N00000004497
FEI/EIN Number	65-1129116
Date Filed	07/03/2000
State	FL
Status	ACTIVE
Last Event	REINSTATEMENT
Event Date Filed	11/03/2014
<u>Principal Address</u>	
281 TROPICAL ISLES CIRCLE FT PIERCE, FL 34982	
<u>Mailing Address</u>	
281 TROPICAL ISLES CIRCLE FT PIERCE, FL 34982	
<u>Registered Agent Name & Address</u>	
MCDANIEL, GEORGE 281 TROPICAL ISLES CIRCLE FORT PIERCE, FL 34982	
Name Changed: 11/03/2014	
Address Changed: 03/17/2009	
<u>Officer/Director Detail</u>	
Name & Address	
Title PRES	
MCDANIEL, GEORGE R 497 HEMINGWAY TERRACE FT PIERCE, FL 34982	
Title V-P	
BENZ, DONALD	

368 TROPICAL ISLES CIRCLE
FORT PIERCE, FL 34982

Title T

CIMINO, ANTHONY
232 SANDY BOTTOM PLACE
FORT PIERCE, FL 34982

Title S

BROOKS, JOHN
364 TROPICAL ISLES CIRCLE
FORT PIERCE, FL 34982

Title Director

Pattison, George
314 Tropical Isles Circle
FORT PIERCE, FL 34982

Annual Reports

Report Year	Filed Date
2011	02/12/2011
2012	03/13/2012
2015	02/10/2015

Document Images

02/10/2015 -- ANNUAL REPORT	View image in PDF format
11/03/2014 -- REINSTATEMENT	View image in PDF format
03/13/2012 -- ANNUAL REPORT	View image in PDF format
02/12/2011 -- ANNUAL REPORT	View image in PDF format
03/16/2010 -- ANNUAL REPORT	View image in PDF format
03/17/2009 -- ANNUAL REPORT	View image in PDF format
02/28/2008 -- ANNUAL REPORT	View image in PDF format
05/25/2007 -- ANNUAL REPORT	View image in PDF format
03/26/2007 -- ANNUAL REPORT	View image in PDF format
03/10/2006 -- ANNUAL REPORT	View image in PDF format
02/16/2005 -- ANNUAL REPORT	View image in PDF format
01/12/2004 -- ANNUAL REPORT	View image in PDF format
02/03/2003 -- ANNUAL REPORT	View image in PDF format
01/23/2002 -- ANNUAL REPORT	View image in PDF format
04/12/2001 -- ANNUAL REPORT	View image in PDF format
07/03/2000 -- Domestic Non-Profit	View image in PDF format

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State of Florida, Department of State

**FINANCIAL
STATEMENTS**

Financial Statement

Tropical Isles Utilities Corp

Dates from 1/1/2015 to 12/31/2015 (cash basis)

ASSETS

Bank	
1003 SEACOAST CHECKING	13,459.91
1005 Seacoast Business Money Market	<u>50,744.89</u>
Total Bank	64,204.80

Accounts Receivable	
1201 Accounts Receivable	<u>153.55</u>
Total Accounts Receivable	153.55

Fixed Asset	
1150 Accounts Receivable	-32,885.73
1180 Miscellaneous Receivable	<u>-35,737.85</u>
Total Fixed Asset	-68,623.58

TOTAL ASSETS -4,265.23

LIABILITIES & EQUITY

Equity

Equity	
3001 Net Income	<u>-0.60</u>
Total Equity	-0.60

Income

3000 Rental Income	56,005.03
3100 Late Fee Income	5.00
3200 Interest Income	<u>4.40</u>
Total Income	56,014.43

Expense

5000 Accounting	9,395.00
5120 Bank Charges	-3.24
5130 Computer	1,045.00
5150 Contributions	150.00
5220 Dues/subscriptions	61.25
5430 Insurance Expense	4,651.86
5440 Postage/shipping	43.68
5520 Legal	900.00
5650 Outside Labor	2,650.00
5740 Repairs & Maintenance	2,247.50
5860 Taxes Property	61.60
5910 Electric	8,266.08
5920 Water	632.03
5925 Sewer Cleaning Services	<u>30,178.30</u>
Total Expense	60,279.06

Net Income (1/1/2015 - 12/31/2015) -4,264.63

Total Equity -4,265.23

TOTAL LIABILITIES & EQUITY -4,265.23

Profit & Loss

Tropical Isles Utilities Corp
Period 01/01/15 - 12/31/15 (cash basis)

INCOME

3000 Rental Income	56,005.03
3100 Late Fee Income	5.00
3200 Interest Income	4.40
TOTAL INCOME	56,014.43

EXPENSE

5000 Accounting	9,395.00
5120 Bank Charges	-3.24
5130 Computer	1,045.00
5150 Contributions	150.00
5220 Dues/subscriptions	61.25
5430 Insurance Expense	4,651.86
5440 Postage/shipping	43.68
5520 Legal	900.00
5650 Outside Labor	2,650.00
5740 Repairs & Maintenance	2,247.50
5860 Taxes Property	61.60
5910 Electric	8,266.08
5920 Water	632.03
5925 Sewer Cleaning Services	30,178.30
TOTAL EXPENSE	60,279.06

NET INCOME -4,264.63

NET INCOME SUMMARY

Income	56,014.43
Expense	-60,279.06
Other Income & Expense	0.00
NET INCOME	<u>-4,264.63</u>

**FDEP
PERMIT**



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

SOUTHEAST DISTRICT OFFICE
400 NORTH CONGRESS AVENUE, 3RD FLOOR
WEST PALM BEACH, FL 33401
(561) 681-6600

BEAUCHE
GOVERNOR

ROBERT CARROLL
GOVERNOR

HERSCHEL T. MINYARD
SECRETARY

**STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

PERMITTEE:

Tropical Isles Utilities Corporation

PERMIT NUMBER: FLA013990

FILE NUMBER: FLA013990-005-DW3P

ISSUANCE DATE: December 14, 2012

EXPIRATION DATE: December 13, 2017

RESPONSIBLE OFFICIAL:

Mr. Donald Hebert, Treasurer
281 Tropical Isles Circle
Fort Pierce, Florida 34982-7918
Email: AdHeb61@Comcast.net

FACILITY:

Tropical Isle WWTF
500 Thames Bluff Ridge
Ft. Pierce, FL 34982
St. Lucie County
Latitude: 27°21' 30" N Longitude: 80°19' 12" W

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

WASTEWATER TREATMENT:

An existing 0.050 mgd permitted capacity extended aeration domestic wastewater treatment plant consisting of:

flow equalization: two (2) 7,100 gal. surge tanks,
one (1) bar screen splitter box,
five (5) 10,000 gal. aeration tanks,
secondary clarification: one (1) 10,300 gal. clarifier,
aerobic digestion: one (1) 10,200 gal. digester,
filtration two (2) 20 sq. ft. sand filters with a 6,700 gal. mud well and 5,873 gal. backwash, holding/chlorine contact chamber.
Disinfection is provided by hypochlorite solution.
Effluent disposal is by absorption field: three (3) cells with a total area of 38,016 sq. ft.
The residuals are transported to Tir Na Nog Ranch Residual Management Facility for treatment and disposal.

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.05 MGD three month average daily flow (TMADF) permitted capacity absorption field system, which consists of three (3) absorption beds (cells) total area of 38,016 sq.ft, located approximately at latitude 27°20' 30" N, longitude 80°19' 0" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 15 of this permit.

FILING AND ACKNOWLEDGMENT

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

James Oshone 12-14-12
[Clerk] [Date]

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 12/14/12 to the listed persons.

James Oshone
Name

12/14/12
Date

Ec: Michael Hambor, DEP/WPB, michael.hambor@dep.state.fl.us
Jeff Christian, SED/PSL, jeff.christian@dep.state.fl.us
Aaron J. Bowless, MBV Engineering, Inc., aaronb@mbveng.com
Stacy Gordon, MBV Engineering, Inc., stacyg@mbveng.com
Pat Walsh, Walsh Environmental Services, walshenv@aol.com



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

SOUTHEAST DISTRICT OFFICE
400 NORTH CONGRESS AVENUE, 3RD FLOOR
WEST PALM BEACH, FL 33401
(561) 681-6600

PHIL SCOTT
GOVERNOR

DES. STEVE CARROLL
FL. GOVERNOR

LEONOR HILL TAVINNY ARDRE
SECRETARY

**Electronic Correspondence
December 14 , 2012**

In the Matter of an
Application for Permit by:

Tropical Isles Utilities Corporation
Donald Hebert, Treasurer
281 Tropical Isles Circle
Fort Pierce, Florida 34982-7918
Email: AdHeb61@Comcast.net

File Number FLA013990-005-DW3P
St. Lucie County
Tropical Isle Wastewater Treatment Facility

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA013990 to operate the Tropical Isle Wastewater Treatment Facility, issued under Chapter 403, Florida Statutes.

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

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

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

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

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that 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 or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

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

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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

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

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

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

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Linda A. Brien, P.G.
Water Facilities Program Administrator

PERMITTEE: Tropical Isles Utilities Corporation
 FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7-9

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	Report 0.05	Monthly Average 3 Month Average	Continuous	Meter	FLW-01	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-01	
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	Monthly	Grab	EFA-01	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Annual Average Monthly Geometric Mean Single Sample	Monthly	Grab	EFA-01	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	EFA-01	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	EFA-01	See I.A.5
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Bi-weekly: every 2 weeks	Grab	EFA-01	

PERMITTEE: Tropical Isles Utilities Corporation
FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

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

Monitoring Site Number	Description of Monitoring Site
FLW-01	Effluent Flow Meter after Chlorine Contact Chamber
EFA-01	After Chlorine Contact Chamber

3. A meter shall be utilized to measure flow and calibrated at least once every 12 months. *[62-601.200(17) and 500(6)]*
4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report. *[62-600.440(4)(c)]*
5. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 62-600.440(4)(b) and (5)(b)]*

PERMITTEE: Tropical Isles Utilities Corporation
 FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the Permittee as specified below and reported in accordance with Condition I.B.7-9:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	0.05 Report	Quarterly Average Monthly Average	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	FLW-02	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	CAL-01	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Monthly	Grab	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Monthly	Grab	INF-01	See I.B.3

PERMITTEE: Tropical Isles Utilities Corporation
FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

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

Monitoring Site Number	Description of Monitoring Site
FLW-02	Elapsed Time Flow Meter at the Influent Pump Station Number 1
CAL-01	Percent Capacity:(TMDAF/Permitted Capacity)x 100
INF-01	Influent splitter box

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. An elapsed time measurement on pump (pump log) shall be utilized to measure flow and calibrated at least once every 12 months. [62-601.200(17) and .500(6)]
5. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

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

6. 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)]
7. 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 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. Unless specified otherwise in this permit, monitoring results for each

PERMITTEE: Tropical Isles Utilities Corporation
 FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly or Toxicity	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 30	July 28 January 28
Annual	January 1 - December 31	January 28

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

If submitting electronic DMR forms, the Permittee shall use the electronic DMR system(s) approved in writing by the Department and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

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

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

Florida Department of Environmental Protection Southeast District Office
 400 N Congress Ave 3rd Floor
 West Palm Beach, Florida 33401-2913

Phone Number - (561)681-6600
 FAX Number - (561)681-6760
 (All FAX copies and e-mails shall be followed by original copies.)

[62-620.305]

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

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

- Biosolids generated by this facility may be transferred to Tir Na N'og Ranch Residual Management Facility or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. *[62-620.320(6), 62-640.880(1)]*
- The Permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*
- Biosolids quantities shall be monitored by the Permittee as specified below. Results shall be reported on the P permittee's Discharge Monitoring Report in accordance with Condition I.B.7-9:

PERMITTEE: Tropical Isles Utilities Corporation
 FACILITY: Tropical Isle WWTF

PERMIT NUMBER: FLA013990

Parameter	Units	Max/ Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Transferred)	ton (d)	Max	Report	Monthly Total	Monthly	Calculated	RMP-Q1
Biosolids Quantity (Landfilled)	ton (d)	Max	Report	Monthly Total	Monthly	Calculated	RMP-Q1

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

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

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-Q1	Biosolids quantity transferred
RMP-Q2	Biosolids quantity landfilled

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]
8. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(b) & (c)]
9. The Permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]
10. The Permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

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

A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility Permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.

[62-640.880(4)]

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

III. GROUND WATER REQUIREMENTS

1. Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Absorption Field System(s)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. [62-610.518]
2. The Permittee may allow public access to the absorption field sites. [62-610.518]
3. The absorption field shall be operated to preclude saturated conditions from developing at the ground surface. [62-610.500(2)]
4. The maximum annual average loading rate to the An existing 0.05 mgd three month average daily flow (TMADF) permitted capacity absorption field system consists of three (3) absorption beds (cells) total area of 38,016sq.ft shall be limited to 3 inches per day (as applied to the entire bottom area of the absorption field trenches or spreading areas). [62-610.523(3)]
5. The An existing 0.05 mgd three month average daily flow (TMADF) permitted capacity absorption field system consists of three (3) absorption beds (cells) total area of 38,016sq.ft normally shall be loaded for 14 days and shall be rested for 7 days. Absorption fields shall be allowed to dry during the resting portion of the cycle. [62-610.523(4)]
6. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.414 and 62-610.514]
7. Overflows from absorption fields or from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of 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 III, 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/chief operator must be a Class C operator, or higher.

2. An operator meeting the lead/chief operator class for 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)]

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

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]

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2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]

C. Recordkeeping Requirements

1. The Permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;
 - e. A copy of the current permit;
 - f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
 - g. A copy of any required record drawings;
 - h. Copies of the licenses of the current certified operators;
 - I. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
 - k. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

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

VI. SCHEDULES

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

Improvement Action	Completion Date
Restore interior concrete wall of the surge tank 1 back to its original thickness to prevent further corrosion, and to extend the useful life of the surge tank	September 1, 2013

[62-620.320(6)]

2. The Permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:

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- a. The Permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
- b. The Permittee has made complete the application for renewal of this permit before the permit expiration date.

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

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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

VIII. OTHER SPECIFIC CONDITIONS

1. 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)]*
2. 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)]*
3. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
4. The operating authority of a collection/transmission system and the Permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.

[62-604.130(5)]

5. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 62-600.400(2)(b)]*

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6. 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)]*
7. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
8. The Permittee shall provide verbal notice to the Department's Southeast District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The Permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Southeast District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
9. The Permittee shall provide adequate notice to the Department of the following:
 - a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.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)]*

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

[62-620.610(9)]
10. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the Permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The Permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the Permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the Permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The Permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

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15. The Permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
16. The Permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
17. The Permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The Permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and
 - c. Steps being taken to prevent future occurrence of the noncompliance.

[62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
 - a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
 - b. If the Permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
 - c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
 - e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
 - f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The Permittee shall report to the Department's Southeast District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the Permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the Permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

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- a. The following shall be included as information which must be reported within 24 hours under this condition:
 - (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
 - (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE 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's Southeast District Office within 24 hours from the time the Permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southeast District Office shall waive the written report.

[62-620.610(20)]

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

22. Bypass Provisions.

- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
- b. Bypass is prohibited, and the Department may take enforcement action against a Permittee for bypass, unless the Permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The Permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
- c. If the Permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The Permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

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- d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the Permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
- e. A Permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.

[62-620.610(22)]

23. Upset Provisions.

- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the Permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
 - (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the Permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The Permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The Permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the Permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Linda A. Brien, P.G.
Water Facilities Program Administrator

DATE: 12/14/12

Attachment(s):
Statement of Basis
Discharge Monitoring Report

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

PERMIT NUMBER: FLA013990

FACILITY NAME: Tropical Isle WWTF

FACILITY LOCATION: 500 Thames Bluff Ridge
Ft. Pierce, FL 34982
St. Lucie County

NAME OF PERMITTEE: Tropical Isles Utilities Corporation

PERMIT WRITER: Lyudmila Sokolova

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA013990-005-DW3P

Application Submittal Date: September 18, 2012

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.05 mgd Three Month Average Daily Flow
Proposed Increase in Permitted Capacity:	0.00 mgd Three Month Average Daily Flow
Proposed Total Permitted Capacity:	0.05 mgd Three Month Average Daily Flow

d. Description of Wastewater Treatment

An existing 0.050 mgd permitted capacity extended aeration domestic wastewater treatment plant consisting of:

flow equalization: two (2) 7,100 gal. surge tanks,
one (1) bar screen splitter box,
five (5) 10,000 gal. aeration tanks,
secondary clarification: one (1) 10,300 gal. clarifier,
aerobic digestion: one (1) 10,200 gal. digester,
filtration two (2) 20 sq. ft. sand filters with a 6,700 gal. mud well and 5,873 gal. backwash, holding/chlorine contact chamber.
Disinfection is provided by hypochlorite solution.

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

Effluent disposal is by absorption field: three (3) cells with a total area of 38,016 sq. ft.

The residuals are transported to Tir Na N'og Ranch Residual Management Facility for treatment and disposal.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-01, an absorption field system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	Report	Monthly Average	62-600.400(3)(b) & 62-610.810(5) FAC
		Max	-	Quarterly Average	62-600.400(3)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Solids, Total Suspended	mg/L	Max	10.0	Single Sample	62-610.510(2) FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(4)(c)1. FAC
		Max	200	Monthly Geometric Mean	62-600.440(4)(c)2. FAC
		Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(4)(b) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	0.05	Quarterly Average	62-600.400(3)(b) FAC
		Max	Report	Monthly Average	62-600.400(3)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-601.300(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-601, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The existing wastewater permit for this facility FLA013990-004-DW3P expires on March 20, 2013.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Tir Na N'og Ranch Residual Management Facility or disposed of in a Class I solid waste landfill.

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

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

6. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

7. PERMIT SCHEDULES

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

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

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

This permit is not accompanied by an AO and has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance

December, 2012

13. DEP CONTACT

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

Lyudmila Sokolova
Engineering Specialist II
Southeast District Office

400 N Congress Ave 3rd Floor
West Palm Beach, FL 33401-2913

Telephone No.: (561) 681-6738

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 400 N Congress Ave, 3rd Floor, West Palm Beach, FL 33401-2913

PERMITTEE NAME: Tropical Isles Utilities Corporation
 MAILING ADDRESS: 281 Tropical Isles Cir
 Fort Pierce, Florida 34982-7918

PERMIT NUMBER:

FLA013990-005-DW3P

FACILITY: Tropical Isle WWTF
 LOCATION: 500 Thames Bluff Ridge
 Ft. Pierce, FL 34982

LIMIT:
 CLASS SIZE:
 MONITORING GROUP NUMBER:
 MONITORING GROUP DESCRIPTION:
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD

Final
 N/A
 R-001
 Reuse (drainfield) system. R-001, with Influent

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: St. Lucie
 OFFICE: Southeast District Branch

From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	0.05- (Qt.Avg.)	MGD						Continuous	Meter
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 Y Mon. Site No. EFA-01	Permit Requirement				20.0 (An.Avg.)		mg/L			Monthly	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement										
PARM Code 80082 A Mon. Site No. EFA-01	Permit Requirement				60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)	mg/L		Monthly	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 A Mon. Site No. EFA-01	Permit Requirement						10.0 (Max.)	mg/L		Monthly	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 Y Mon. Site No. EFA-01	Permit Requirement				200 (An.Avg.)			#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement										
PARM Code 74055 A Mon. Site No. EFA-01	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)		#/100mL		Monthly	Grab

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	TELEPHONE NO	DATE

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Tropical Isle WWTF

MONITORING GROUP R-001

PERMIT NUMBER: FLA013990-005-DW3P

NUMBER:

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH PARM Code 00400 A Mon. Site No. EFA-01	Sample Measurement										
	Permit Requirement				6.0 (Min.)		8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection) PARM Code 50060 A Mon. Site No. EFA-01	Sample Measurement										
	Permit Requirement				0.5 (Min.)			mg/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N) PARM Code 00620 A Mon. Site No. EFA-01	Sample Measurement										
	Permit Requirement						12.0 (Max.)	mg/L		Bi-weekly; every 2 weeks	Grab
Flow PARM Code 50050 Q Mon. Site No. FLW-02	Sample Measurement										
	Permit Requirement	Report (Mo. Avg.)	0.05 (Qt. Avg.)	MGD						5 Days/Week	Elapsed Time Measurement on Pump
Percent Capacity, (TMADF/Permitted Capacity) x 100 PARM Code 00180 P Mon. Site No. CAL-01	Sample Measurement										
	Permit Requirement						Report (Mo. Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent) PARM Code 80082 Q Mon. Site No. INF-01	Sample Measurement										
	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended (Influent) PARM Code 00530 Q Mon. Site No. INF-01	Sample Measurement										
	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 400 N Congress Ave, 3rd Floor, West Palm Beach, FL 33401-2913

PERMITTEE NAME: Tropical Isles Utilities Corporation
 MAILING ADDRESS: 281 Tropical Isles Cir
 Fort Pierce, Florida 34982-7918

PERMIT NUMBER: FLA013990-005-DW3P

FACILITY: Tropical Isle WWTF
 LOCATION: 500 Thames Bluff Ridge
 Ft Pierce, FL 34982

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: RMP-Q
 MONITORING GROUP DESCRIPTION: Biosolids Quantity
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: St. Lucie
 OFFICE: Southeast District Branch

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement										
PARM Code B0007 Mon. Site No. RMP-Q1	Permit Requirement		Report (Mo.Total)	ton (d)						Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement										
PARM Code B0008 Mon. Site No. RMP-Q2	Permit Requirement		Report (Mo.Total)	ton (d)						Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED	TELEPHONE NO	DATE

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

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA013990-005-DW3P
From: _____ To: _____

Facility: Tropical Isle WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Nitrogen, Nitrate, Total (as N) mg/L	Solids, Total Suspended mg/L	pH s.u. max	pH s.u. min	Flow MGD	Flow MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L
Code	80082	50060	74055	00620	00530	00400	00400	50050	50050	80082	00530
Mon. Site	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	EFA-01	FLW-01	FLW-02	INF-01	INF-01
1											
2											
3											
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26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

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

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

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

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

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

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

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

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

CODE	DESCRIPTION/INSTRUCTIONS	CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.	NOD	No discharge from/to site.
DRY	Dry Well	OPS	Operations were shutdown so no sample could be taken.
FLD	Flood disaster.	OTH	Other. Please enter an explanation of why monitoring data were not available.
IFS	Insufficient flow for sampling.	SEF	Sampling equipment failure.
LS	Lost sample.		
MNR	Monitoring not required this period.		

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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

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

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

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

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

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

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

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

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

PART B - DAILY SAMPLE RESULTS

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

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

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

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

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

PART D - GROUND WATER MONITORING REPORT

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

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

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

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

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

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

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

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

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

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

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

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

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

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

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

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

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

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

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

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

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

FDEP
COMPLIANCE INSPECTION



Florida Department of Environmental Protection

Southeast District
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
(561) 681-6600

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Interim Secretary

November 23, 2015

ELECTRONIC CORRESPONDENCE

Mr. George McDaniel, President
Tropical Isles Utilities Corporation
281 Tropical Isles Circle
Fort Pierce, FL 34982
rumbowline@aol.com

Re: Compliance Evaluation Inspection
Tropical Isles WWTF
DW - Facility ID No. FLA013990
St. Lucie County

Dear Mr. McDaniel:

Department personnel conducted a compliance evaluation inspection of the above-referenced Facility on November 6, 2015. Based on the information gathered, the Facility was rated **In Compliance with the Department's rules and regulations for the compliance areas evaluated during this inspection.** A copy of the inspection report is attached for your records.

The Department appreciates your efforts to maintain this Facility in compliance with state and federal rules. Should you have any questions or comments, please contact Jeff Christian at (772) 467-5556, or via e-mail at: jeff.christian@dep.state.fl.us.

Sincerely,

A handwritten signature in blue ink that reads "Lisa M. Self".

for Diane Pupa
Environmental Administrator
Compliance Assurance Program

Handwritten initials "DP/jc" in blue ink.
DP/jc

cc: Pat Walsh, Project Manager, walshenv@gmail.com

COMET ENTRY DATE

11-19-2015

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

Name and Physical Location of Facility	WAFR ID:	County	Entry Date/Time
Tropical Isles WWTF	FLA013990	S. Lucie	11-06-2015 @ 1315
500 Thames Bluff Ridge		Phone	Exit Date/Time
Fort Pierce		772-465-7805	11-06-2015 @ 1415
Name(s) of Field Representatives(s)	Title / Operator Certification #		Phone
Ron Stevens	Allowed Facility Access		(772)201-5779
Name and Address of Permittee or Designated Representative	Title		Phone
Mr. George R. McDaniel	President		772-465-7805
Tropical Isles Utilities Corporation			
281 Tropical Isles Circle			
Fort Pierce, FL 34982			

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



FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-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 "♦"

PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL	
IC	1. ♦ Permit	NE	3. Laboratory	IC	6. Facility Site Review	IC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	IC	4. Sampling	IC	7. Flow Measurement	IC	10. ♦ Effluent Disposal
		IC	5. ♦ Records & Reports	IC	8. ♦ Operation & Maintenance	NE	11. Biosolids/Sludge
						NA	12. Groundwater
NE	14. Other:					NA	13. SSO Survey

Facility and/or Order Compliance Status: In-Compliance Out-Of-Compliance Significant-Out-Of-Compliance

Name(s) and Signature(s) of Inspector(s)	District Office/Phone Number	Date
Jeff Christian 	Southeast/(772)467- 5556	11-06-2015
Signature of Reviewer		Date
 for Diane Pupa	SED/(561)-681-6782	11/23/2015

SEV Code(s):

Revised: September 27, 2012

INSPECTION REPORT SUMMARY

Facility Name: Tropical Isles WWTF
Facility ID: FLA013990
Inspection Type: Compliance Evaluation Inspection
Inspection Date: November 6, 2015

FACILITY BACKGROUND:

Facility Address: 500 Thames Bluff Ridge, Fort Pierce
Program/ Permit Information: DW, Permit issuance date, December 14, 2012, expiration date, December 13, 2017
Treatment Summary: Extended Aeration Sewage Treatment Plant W/Reuse to a three zone absorption field system for disposal.
Permitted Capacity: 0.050 MGD-TMADF

1. **Permit:** In-Compliance

- The Permit for the Facility is current and will expire on December 13, 2017.
- This Permit is not accompanied by an Administrative Order or Consent Order.
- A complete copy of the Permit was on-site for reference by the Operators.
- No deficiencies were noted.

2. **Compliance Schedules:** In Compliance

1. The following improvement action was required to be completed in accordance with the following schedule:

Improvement Action	Completion Date
Restore interior concrete wall of the surge tank 1 back to its original thickness to prevent further corrosion, and to extend the useful life of the surge tank	September 1, 2013

- Compliance Action Item number 1. referenced above was completed. Additionally, surge tank #2 received the same maintenance.
2. "The Permittee is not authorized to discharge to waters of the State after the expiration date of this permit, unless:
- a. The Permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.

OR

- b. The Permittee has made complete the application for renewal of this permit before the permit expiration date. [62-620.335(1) - (4)]”
- A Permit renewal application, on the proper forms and with the appropriate fee, must be received by the Department on or prior to **June 14, 2017**, at least 180 days prior to the expiration date of the current Permit.

OR

- The Permittee has made complete the application for renewal of the Permit **prior** to the current Permit expiration date of **December 13, 2017**.
- No deficiencies were noted.

3. **Laboratory:** Not Evaluated

4. **Sampling:** In Compliance

- All samples are collected at the Permit specified locations, required frequency and are representative sampling points.
- Samples for pH and chlorine are analyzed immediately after collection and samples to be analyzed by the lab are immediately preserved via ice.
- The pH meter and chlorine analysis method are EPA approved. The YSI pH10 meter receives a two point calibration daily with pH 4 and 7 standard solutions that brackets the expected sampling results. A LaMotte Chlorine Direct Reading Titrator, Model DT-DR, is used to analyze the total chlorine residual of the final plant effluent.
- No deficiencies were noted.

5. **Records and Reports:** In Compliance

- Monthly Discharge Monitoring Reports are being received by the Department timely, on the correct form and are being properly completed. The Facility is currently taking advantage of electronic DMR submittals through the Department’s EzDMR program.
- The pH and chlorine meter calibration records are documented in a logbook.
- The Daily Operations and Maintenance Logbook was on-site and appeared to be complete.
- All Records and Reports are retained for a minimum of 10 years.
- No deficiencies were noted.

6. **Facility Site Review:** In Compliance

- The on-site lift station was equipped with two functional pumps. The lift station was equipped with a functional audio and visual high level alarm system. The lift station is equipped with a quick connection outlet for a generator.
- This Facility is equipped with two surge tanks. The surge tanks were equipped with a splitter box and bar screen that were in good condition and were functioning as intended. The surge tanks were equipped with two functional pumps. The levels of the surge tanks were relatively high.

- The aeration basins (5) were receiving sufficient air and the mixed liquor appeared normal. No abnormal odor was noted.
- Both blowers were operable. The blowers are enclosed in a building that provides weather protection and noise reduction. Both blowers are equipped with safety belt guards.
- The clarifier was equipped with a functional skimmer and the surface was fairly clean. The clarifier stilling well contained some solids that should be routinely removed. The clarifier was settling properly. The clarifier weir appeared to be level.
- The Facility was equipped with two functional sand bed filters. The media was sufficient and both filter dosing pumps were operable.
- Liquid chlorine is used for disinfection. The on-site chlorine supply was satisfactory. Chlorine is introduced into the chlorine contact chamber. The chlorine dosing pump and tubing were in satisfactory condition.
- The digester was receiving aeration and the level was satisfactory.
- The Facility is equipped with an on-site generator that is capable of providing sufficient power to operate the entire Facility.
- The water supply line was equipped with a backflow prevention device. The backflow prevention device received an annual Certification of Inspection for 2015.
- The fence around the Facility site appeared to be in satisfactory condition and the gates (4) are normally locked.
- No deficiencies were noted.

7. **Flow Measurement:** In Compliance

- The reportable influent flow measurement is accomplished with two elapsed time meters on the master lift station pumps.
- The reportable effluent flow measurement is accomplished with a GLI International Flowmeter, model 53, ultrasonic flow sensor and V-notch weir.
- These influent and effluent flow measurement devices were last calibrated on November 17, 2015, and February 17, 2015, by the Florida Rural Water Association, respectively. The flow measurement calibration records are available.
- No deficiencies were noted.

8. **Operation and Maintenance:** In Compliance

- The Facility appeared to be operating in accordance with the Permit.
- A certified Operator is on duty as required by the Permit.
- The lift station pumps and blowers alternate.
- The rags and debris were being removed from both of the surge tanks and therefore were not receiving aeration at the time of the Inspection.
- The blowers are activated by a timer to control nitrate production.
- The clarifier weir was fairly clean.

- The sand bed filters are backwash manually. The level in the filter backwash tank was low.
- Access to the Facility was adequate for the inspection. The Facility is well maintained and neat. No leaks in the walls or pipes were noted.
- No deficiencies were noted.

9. **Effluent Quality:** In Compliance

- The effluent was slightly tannic colored and no solids were present.
- A review of the Part A and B of the monthly Discharge Monitoring Reports from October 2014 through September 2015, revealed no effluent water quality exceedances of the Permit limits.
- No deficiencies were noted.

10. **Effluent Disposal:** In Compliance

- The disposal system consists of an absorption field system with 3 alternating zones. The effluent is conveyed to the absorption field system by gravity. The absorption field appeared to be functioning properly and is receiving routine vegetative maintenance.
- No deficiencies were noted.

11. **Biosolids/Sludge:** Not Evaluated

12. **Groundwater Quality:** Not Applicable

13. **SSO Survey:** Not Applicable

14. **Other:** Not Evaluated



Emergency Information Posted



General View of the Tropical Isles WWTF



Splitter Box with Bar Screen/ Background: Effluent Disposal System



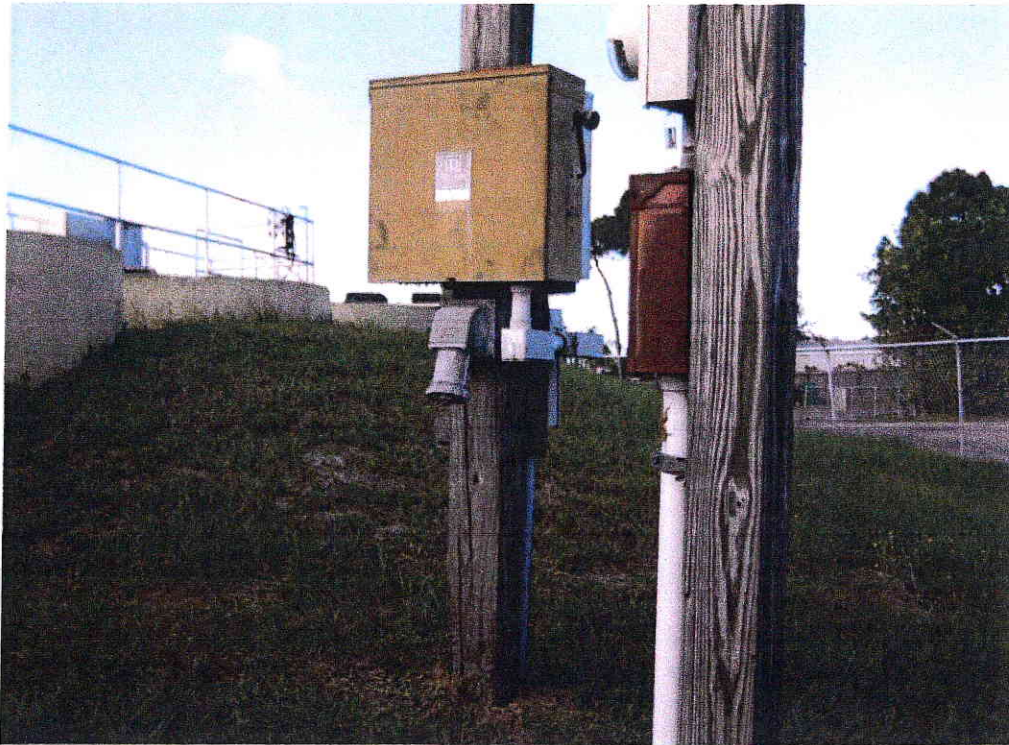
One of Five Aeration Basins



Final Effluent in CCC, Ultrasonic Flow Sensor and V-Notch Weir



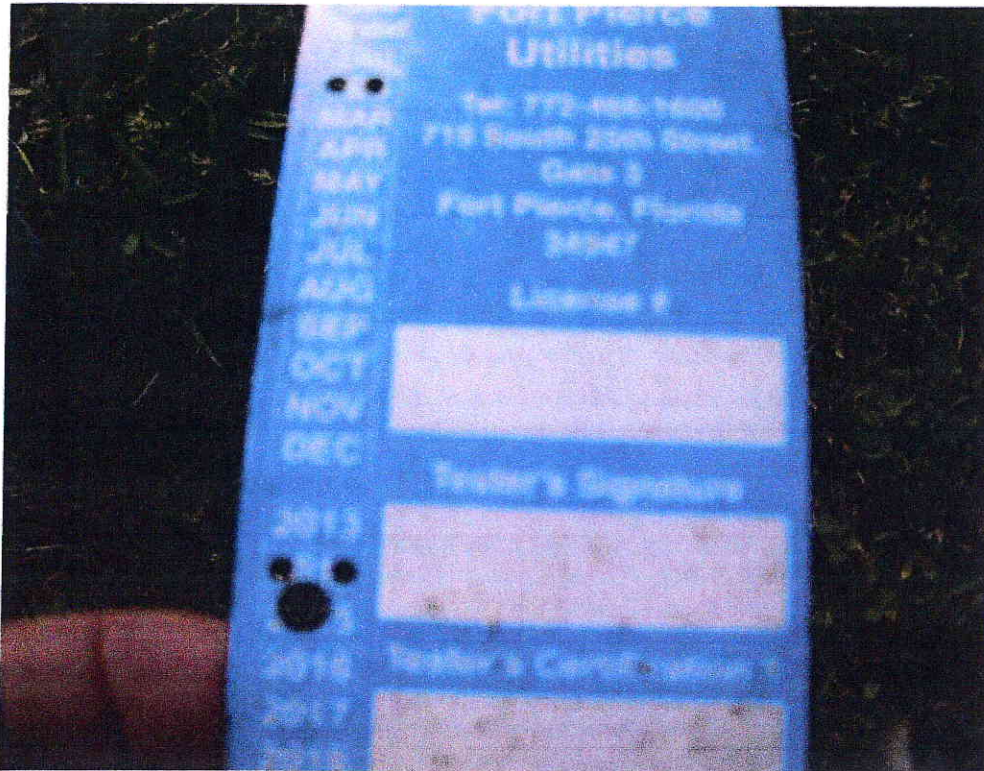
On-Site Chlorine Supply



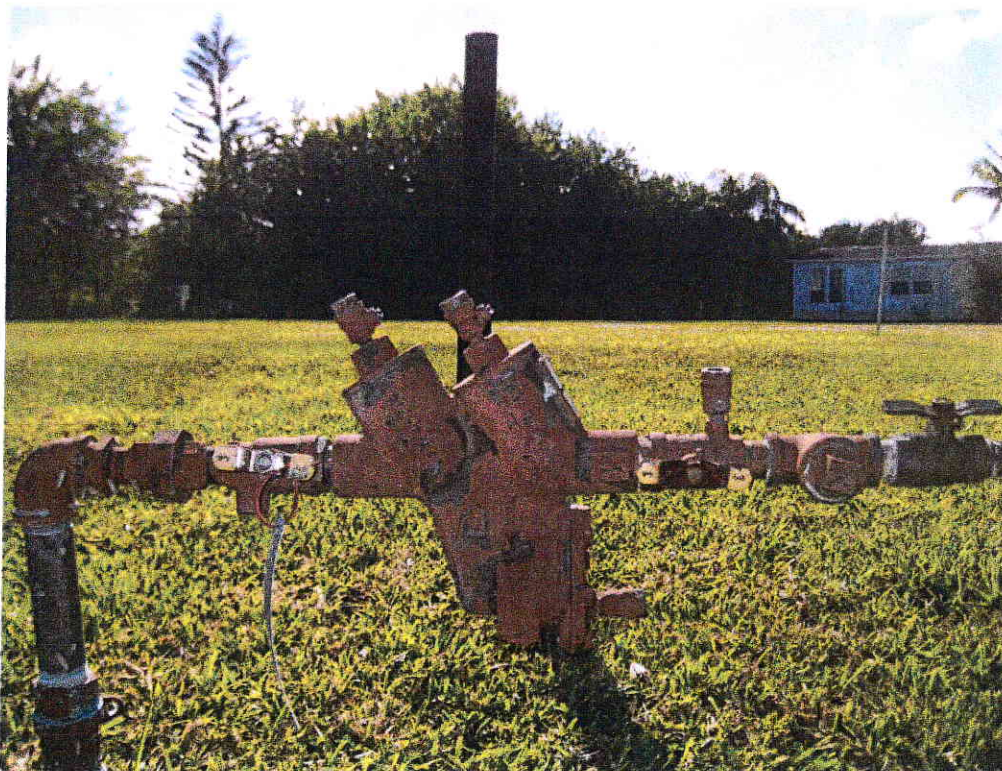
Lift Station Electrical Panel Equipped with Generator Quick Connect Outlet



On-Site Generator



Backflow Prevention Device Certification Punch-Card for 2015



Backflow Prevention Device on Water Supply Line

BOARD MEETING MINUTES
ESTABLISHING CURRENT
RATES

SPECIAL - meeting MAY 6 2013
TROPICAL ISLES UTILITIES CORP.

BOARD MEETING MAY 6 2013
MEETING - MINUTES

PRESIDENT - GEORGE Mc DANIAL
CALL MEETING TO ORDER AT 1:00 PM

ALL DIRECTOR PRESENT

MOTION MADE BY DON BENZ TO
RAISE MONTHLY WASTEWATER SERVICE
RATE \$5.00 TO \$60.00 A QUARTER.

STARTING ~~JAN~~ 1-2014. IT WAS SECONDED
MOTION PASSED UNANIMOUSLY

ALL IN FAVOR

MEETING ADJOURNED 1:34 PM

SECRETARY

TREASURER

Tony [Signature]

A note from Tropical Isles Utility Corporation

In 2012 it was determined by Walsh Environmental Services our sewer plant operator] and your board of directors that repairs to the lift station were necessary to keep it in working order. The pumps were worn out and the output pressure was so low that the pipe to the sewer plant was starting to clog. As a result, the lift station tank was drained and inspected, the old mounting flanges. Piping, check valves, gate valves, pump rails, and pumps were all replaced at a cost of about \$70,000 dollars

In December of 2012, our facility was inspected by the Florida Dept. of Environmental Protection prior to renewal of our operating permit. As a result of this inspection the state found that the wall thickness of tanks 1 and 2 had eroded below state requirements. As a condition of permit renewal, the state mandated that the wall thickness of tanks 1 and 2 be brought up to code. M.V. B. Engineering was brought in to survey the plant and to recommend the repair method. After inspection it was recommended that a material called Sewer Coat be applied to the interior walls of tanks 1 and 2 in a thickness of about 1 inch to bring the tank wall thickness in to compliance with state requirements. This remedial work was completed over the summer at a cost of \$21,800. Both of these necessary repairs were paid for using funds from our reserve fund and as a result our reserve fund does not meet the minimum requirements necessary to meet unforeseen expenses. Therefore your board feels we must temporarily increase the sewer rent to \$60.00 every 3 months OR \$120.00 every six months OR \$240.00 a year beginning with your quarterly payment due March 1st 2014. The board recognizes that the increase might cause financial difficulties for some residents but it must be done, and it is still a much better price than some of our neighbors are paying for utility services.

George McDaniel
T.I.U.C. President

**TROPICAL ISLES UTILITIES CORPORATION
281 TROPICAL ISLES CIRCLE
FORT PIERCE, FL 34982
772-468-4968**

October 22, 2013

NOTICE OF INCREASED MONTHLY SEWER FEE

The monthly charge for your Tropical Isles Utilities Corp. sewer service is increased to \$20.00 from the current \$15.00 effective December 2013.

PAYMENT SCHEDULE:

DEC/JAN/FEB.	\$60.00 PAYMENT DUE ON MARCH 1 ST 2014	Late payment after March 10 th (add \$5.00)
MAR/APR/MAY	\$60.00 PAYMENT DUE ON JUNE 1 ST 2014	Late payment after June 10 th (add \$5.00)
JUNE/JULY/AUG	\$60.00 PAYMENT DUE ON SEPT 1 ST 2014	Late payment after Sept 10 th (add \$5.00)
SEPT/OCT/NOV	\$60.00 PAYMENT DUE ON DEC 1 ST 2014	Late payment after Dec 10 th (add \$5.00)

Don't forget, ALL residents are Members of the Tropical Isles Utilities Corporation, renters and shareholders alike. We will place a reminder in the Tropical Tales and also on the bulletin boards to remind residents when payment is due. For the individuals that choose to pay semi-annually, we will accept pre-payments. Your cooperation will be greatly appreciated in this matter. Let's all work together and try to keep up with our payments.

Thank you

Board of Directors
Tropical Isles Utilities Corporation

WASTEWATER TARIFF

WASTEWATER TARIFF

TROPICAL ISLES UTILITIES CORPORATION
NAME OF COMPANY

281 Tropical Isles Circle

Fort Pierce, FL 34982
(ADDRESS OF COMPANY)

772-468-4968
(Business & Emergency Telephone Numbers)

George McDaniel
ISSUING OFFICER

President
TITLE

FILED WITH
FLORIDA PUBLIC SERVICE COMMISSION

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

TERRITORY AUTHORITY

CERTIFICATE NUMBER: _____

COUNTY: St. Lucie County

COMMISSION ORDER(s) APPROVING TERRITORY SERVED -

Order Number

Date Issued

Docket Number

Filing Type

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

DESCRIPTION OF TERRITORY SERVED

Township 36 South, Range 40 East, St. Lucie County, FL

Section 10

The entire Northeast $\frac{1}{4}$ of the Northeast $\frac{1}{2}$ of said Section 10; also the East $\frac{1}{2}$ of the Northwest $\frac{1}{4}$ of the Northeast $\frac{1}{2}$ of said Section 10; also the North $\frac{1}{2}$ of the Southeast $\frac{1}{4}$ of the Northeast $\frac{1}{2}$ of said Section 10

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

COMMUNITIES SERVED LISTING

County Name	Development Name	Rate Schedule(s) Available	Sheet No.
St. Lucie County	Tropical Isles		

George McDaniel
ISSUING OFFICER

President
TITLE

**TROPICAL ISLES UTILITIES CORPORATION
281 TROPICAL ISLES CIRCLE
FORT PIERCE, FL 34982
772-468-4968**

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Thank you

Board of Directors
Tropical Isles Utilities Corporation

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

TECHNICAL TERMS AND ABBREVIATIONS

- 1.0 "BFC" - The abbreviation for "Base Facility Charge" which is the minimum amount the Company may charge its Customers and is separate from the amount the Company bills its Customers for wastewater consumption.
- 2.0 "CERTIFICATE" - A document issued by the Commission authorizing the Company to provide wastewater service in a specific territory.
- 3.0 "COMMISSION" - The shortened name for the Florida Public Service Commission.
- 4.0 "COMMUNITIES SERVED" - The group of Customers who receive wastewater service from the Company and whose service location is within a specific area or locality that is uniquely separate from another.
- 5.0 "COMPANY" - The shortened name for the full name of the utility which is TROPICAL ISLES UTILITIES CORPORATION.
- 6.0 "CUSTOMER" - Any person, firm or corporation who has entered into an agreement to receive wastewater service from the Company and who is liable for the payment of that wastewater service.
- 7.0 "CUSTOMER'S INSTALLATION" - All pipes, shut-offs, valves, fixtures and appliances or apparatus of every kind and nature used in connection with or forming a part of the installation for disposing of wastewater located on the Customer's side of the Service Connection whether such installation is owned by the Customer or used by the Customer under lease or other agreement.
- 8.0 "MAIN" - A pipe, conduit, or other facility used to convey wastewater service from individual service lines or through other mains.
- 9.0 "RATE" - Amount which the Company may charge for wastewater service which is applied to the Customer's water consumption.
- 10.0 "RATE SCHEDULE" - The rate(s) or charge(s) for a particular classification of service plus the several provisions necessary for billing, including all special terms and conditions under which service shall be furnished at such rate or charge.
- 11.0 "SERVICE" - As mentioned in this tariff and in agreement with Customers, "Service" shall be construed to include, in addition to all wastewater service required by the Customer, the readiness and ability on the part of the Company to furnish wastewater service to the Customer. Service shall conform to the standards set forth in Section 367.111 of the Florida Statutes.

(Continued to Sheet No. 5.1)

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

(Continued from Sheet No. 5.0)

- 12.0 "SERVICE CONNECTION" - The point where the Company's pipes or meters are connected with the pipes of the Customer.
- 13.0 "SERVICE LINES" - The pipes between the Company's Mains and the Service Connection and which includes all of the pipes, fittings and valves necessary to make the connection to the Customer's premises, excluding the meter.
- 14.0 "TERRITORY" - The geographical area described, if necessary, by metes and bounds but, in all cases, with township, range and section in a Certificate, which may be within or without the boundaries of an incorporated municipality and may include areas in more than one county.

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

RULES AND REGULATIONS

- 1.0 GENERAL INFORMATION - These Rules and Regulations are a part of the rate schedules and applications and contracts of the Company and, in the absence of specific written agreement to the contrary, apply without modifications or change to each and every Customer to whom the Company renders wastewater service.
- The Company shall provide wastewater service to all Customers requiring such service within its Certificated territory pursuant to Chapter 25-30, Florida Administrative Code and Chapter 367, Florida Statutes.
- 2.0 TARIFF DISPUTE - Any dispute between the Company and the Customer or prospective Customer regarding the meaning or application of any provision of this tariff shall be resolved pursuant to Rule 25-22.032, Florida Administrative Code.
- 3.0 APPLICATION - In accordance with Rule 25-30.310, Florida Administrative Code, a signed application is required prior to the initiation of service. The Company shall provide each Applicant with a copy of the brochure entitled "Your Water and Wastewater Service," prepared by the Florida Public Service Commission.
- 4.0 APPLICATIONS BY AGENTS - Applications for wastewater service requested by firms, partnerships, associations, corporations, and others shall be rendered only by duly authorized parties or agents.
- 5.0 REFUSAL OR DISCONTINUANCE OF SERVICE - The Company may refuse or discontinue wastewater service rendered under application made by any member or agent of a household, organization, or business in accordance with Rule 25-30.320, Florida Administrative Code.
- 6.0 EXTENSIONS - Extensions will be made to the Company's facilities in compliance with Commission Rules and Orders and the Company's tariff.
- 7.0 TYPE AND MAINTENANCE - In accordance with Rule 25-30.545, Florida Administrative Code, the Customer's pipes, apparatus and equipment shall be selected, installed, used and maintained in accordance with standard practice and shall conform with the Rules and Regulations of the Company and shall comply with all laws and governmental regulations applicable to same. The Company shall not be responsible for the maintenance and operation of the Customer's pipes and facilities. The Customer expressly agrees not to utilize any appliance or device which is not properly constructed, controlled and protected or which may adversely affect the wastewater service. The Company reserves the right to discontinue or withhold wastewater service to such apparatus or device.

(Continued on Sheet No. 7.0)

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

(Continued from Sheet No. 6.0)

8.0 CONTINUITY OF SERVICE - In accordance with Rule 25-30.250, Florida Administrative Code, the Company will at all times use reasonable diligence to provide continuous wastewater service and, having used reasonable diligence, shall not be liable to the Customer for failure or interruption of continuous wastewater service.

If at any time the Company shall interrupt or discontinue its service, all Customers affected by said interruption or discontinuance shall be given not less than 24 hours written notice.

9.0 LIMITATION OF USE - Wastewater service purchased from the Company shall be used by the Customer only for the purposes specified in the application for wastewater service. Wastewater service shall be rendered to the Customer for the Customer's own use and shall be collected directly into the Company's main wastewater lines.

In no case shall a Customer, except with the written consent of the Company, extend his lines across a street, alley, lane, court, property line, avenue, or other way in order to furnish wastewater service to the adjacent property even though such adjacent property may be owned by him. In case of such unauthorized extension, sale, or disposition of service, the Customer's wastewater service will be subject to discontinuance until such unauthorized extension, remetering, sale or disposition of service is discontinued and full payment is made to the Company for wastewater service rendered by the Company (calculated on proper classification and rate schedules) and until reimbursement is made in full to the Company for all extra expenses incurred for clerical work, testing, and inspections. (This shall not be construed as prohibiting a Customer from remetering.)

10.0 CHANGE OF CUSTOMER'S INSTALLATION - No changes or increases in the Customer's installation, which will materially affect the proper operation of the pipes, mains, or stations of the Company, shall be made without written consent of the Company. The Customer shall be liable for any change resulting from a violation of this Rule.

11.0 INSPECTION OF CUSTOMER'S INSTALLATION - All Customer's wastewater service installations or changes shall be inspected upon completion by a competent authority to ensure that the Customer's piping, equipment, and devices have been installed in accordance with accepted standard practice and local laws and governmental regulations. Where municipal or other governmental inspection is required by local rules and ordinances, the Company cannot render wastewater service until such inspection has been made and a formal notice of approval from the inspecting authority has been received by the Company.

Notwithstanding the above, the Company reserves the right to inspect the Customer's installation prior to rendering wastewater service, and from time to time thereafter, but assumes no responsibility whatsoever for any portion thereof.

(Continued on Sheet No. 8.0)

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

(Continued from Sheet No.7.0)

- 12.0 ACCESS TO PREMISES - In accordance with Rule 25-30.320(2)(f), Florida Administrative Code, the Customer shall provide the duly authorized agents of the Company access at all reasonable hours to its property. If reasonable access is not provided, service may be discontinued pursuant to the above rule.
- 13.0 PROTECTION OF COMPANY'S PROPERTY - The Customer shall exercise reasonable diligence to protect the Company's property. If the Customer is found to have tampered with any Company property or refuses to correct any problems reported by the Company, service may be discontinued in accordance with Rule 25-30.320, Florida Administrative Code. In the event of any loss or damage to property of the Company caused by or arising out of carelessness, neglect, or misuse by the Customer, the cost of making good such loss or repairing such damage shall be paid by the Customer.
- 14.0 RIGHT-OF-WAY OR EASEMENTS - The Customer shall grant or cause to be granted to the Company, and without cost to the Company, all rights, easements, permits, and privileges which are necessary for the rendering of wastewater service.
- 15.0 CUSTOMER BILLING - Bills for wastewater service will be rendered - Monthly, Bimonthly, or Quarterly - as stated in the rate schedule.

In accordance with Rule 25-30.335, Florida Administrative Code, the Company may not consider a Customer delinquent in paying his or her bill until the twenty-first day after the Company has mailed or presented the bill for payment.

A municipal or county franchise tax levied upon a water or wastewater public utility shall not be incorporated into the rate for water or wastewater service but shall be shown as a separate item on the Company's bills to its Customers in such municipality or county.

If a utility utilizes the base facility and usage charge rate structure and does not have a Commission authorized vacation rate, the Company shall bill the Customer the base facility charge regardless of whether there is any usage.

- 16.0 PAYMENT OF WATER AND WASTEWATER SERVICE BILLS CONCURRENTLY - In accordance with Rule 25-30.320(2)(g), Florida Administrative Code, when both water and wastewater service are provided by the Company, payment of any wastewater service bill rendered by the Company to a Customer shall not be accepted by the Company without the simultaneous or concurrent payment of any water service bill rendered by the Company.

(Continued on Sheet No.9.0)

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

(Continued from Sheet No.8.0)

- 17.0 DELINQUENT BILLS - When it has been determined that a Customer is delinquent in paying any bill, wastewater service may be discontinued after the Company has mailed or presented a written notice to the Customer in accordance with Rule 25-30.320, Florida Administrative Code.
- 18.0 TERMINATION OF SERVICE - When a Customer wishes to terminate service on any premises where wastewater service is supplied by the Company, the Company may require reasonable notice to the Company in accordance with Rule 25-30.325, Florida Administrative Code.
- 19.0 UNAUTHORIZED CONNECTIONS - WASTEWATER - Any unauthorized connections to the Customer's wastewater service shall be subject to immediate discontinuance without notice, in accordance with Rule 25-30.320, Florida Administrative Code.
- 20.0 ADJUSTMENT OF BILLS - When a Customer has been undercharged as a result of incorrect application of the rate schedule or, if wastewater service is measured by water consumption and a meter error is determined, the amount may be credited or billed to the Customer as the case may be, pursuant to Rules 25-30.340 and 25-30.350, Florida Administrative Code.
- 21.0 FILING OF CONTRACTS - Whenever a Developer Agreement or Contract, Guaranteed Revenue Contract, or Special Contract or Agreement is entered into by the Company for the sale of its product or services in a manner not specifically covered by its Rules and Regulations or approved Rate Schedules, a copy of such contracts or agreements shall be filed with the Commission prior to its execution in accordance with Rule 25-9.034 and Rule 25-30.550, Florida Administrative Code. If such contracts or agreements are approved by the Commission, a conformed copy shall be placed on file with the Commission within 30 days of execution.
- 22.0 EVIDENCE OF CONSUMPTION - The initiation or continuation or resumption of water service to the Customer's premises shall constitute the initiation or continuation or resumption of wastewater service to the Customer's premises regardless of occupancy.

George McDaniel
ISSUING OFFICER

President
TITLE

TROPICAL ISLES UTILITIES
CORPORATION

WASTEWATER TARIFF

GENERAL SERVICE

RATE SCHEDULE

AVAILABILITY - Available throughout the area served by the Company.

APPLICABILITY - For wastewater service to all Customers.

LIMITATIONS - Subject to all of the Rules and Regulations of this Tariff and General Rules and Regulations of the Commission.

BILLING PERIOD - commencing December 1, 2013

RATE -

\$60.00 per quarter

TERMS OF PAYMENT - Bills are due and payable when rendered. In accordance with Rule 25-30.320, Florida Administrative Code, if a Customer is delinquent in paying the bill for wastewater service, service may then be discontinued.

EFFECTIVE DATE - December 1, 2013

George McDaniel
ISSUING OFFICER

President
TITLE

Account No.:

Name(s):

Address:

Phone:

WASTEWATER SERVICE AGREEMENT

This agreement is entered by and between Tropical Isles Utilities Corporation, a nonprofit corporation organized and existing under and by virtue of the laws of the State of Florida, hereinafter called the Utility, and

a member of the Utility, hereinafter called the Member.

Whereas, the Member desires to purchase wastewater service for his or her own use from the Utility, and to enter into a Wastewater Service Agreement as required by the Bylaws of the Utility,

Now, therefore, in consideration of the mutual covenants, promises, and agreements herein contained, it is hereby understood and agreed:

1. The Utility shall furnish, subject to the limitations hereinafter provided for, such quantity of wastewater service as the Member may desire in connection with his or her occupancy of the property listed herein.
2. The Member shall maintain at his or her own expense, a wastewater transmission line that shall begin at the Member's side of the Utility's collection system and extend to the dwelling and other portion of the Member's premises.
3. The Member's wastewater transmission line shall connect with the collection system of the Utility at the nearest place of desired use by the Member, provided the Utility has determined in advance that it is appropriate to connect at that location and the Utility is of sufficient capacity to permit collection of wastewater at that point.
4. The Member shall pay for such wastewater service at such rates, time, and place as shall be determined by the Utility, and shall at all times abide by the operating policies and procedures adopted by the Utility, as amended from time to time.

5. The Member, upon paying the connection fees and deposits to the Utility for wastewater service, will be obligated to pay a minimum monthly charge, also referred to as a base facility charge, for the date of this Agreement, together (when applicable) with a commodity charge at rates per gallon of wastewater or other appropriate basis as established by the Utility. Any Member who fails to comply with the service and payment obligations shall be deemed in default of this Agreement.
6. The Utility shall have final jurisdiction in any question of location of any service line connection to its wastewater system and shall determine the allocation of wastewater service for the Members.
7. Except as provided in Paragraph 8 below, no bill shall be rendered for wastewater service. A base wastewater service charge accrues each monthly period, which period shall coincide with the calendar month. Each Member shall be responsible for ascertaining the amount due and paying all monthly base charges on or before the first day of the next monthly period as directed by the Utility. (For example, charges due for the month of January are due and payable on February 1, see the payment schedule set forth below.)
8. In addition to the monthly base wastewater charge, any Member whose wastewater flow exceeds one ERC (8,400 gallons per month, as measured by inflow of potable water to the Member's property) shall be subject to a wastewater commodity charge for each 1,000 gallons of flow in excess of the ERC. The Utility shall render a bill for any such commodity charges, which bill shall be due and payable within twenty (20) days of the due date shown thereon. All such bills are considered past due and delinquent after twenty (20) days, and are then subject to penalty and interest charges.
9. The failure of a Member to pay wastewater charges duly imposed shall result in the automatic imposition of the following penalties:
 - A. Nonpayment prior to the fifth (5th) day of the calendar month following the monthly period for which service has been rendered ("penalty date") will result in penalty and interest charges being levied (see the payment schedule set forth below).
 - B. Nonpayment of delinquent or past due charges within five (5) days of written notice of intention to terminate for nonpayment will result in termination of wastewater service and disconnection from the wastewater system.
 - C. If terminated for nonpayment, service will be resumed only upon payment of all past due charges, penalties, and interest, together with a violation reconnection charge.

Payment Schedule for Monthly Base Charges		
Service Period	Due Date	Penalty Date
January	February 1	February 5
February	March 1	March 5
March	April 1	April 5
April	May 1	May 5
May	June 1	June 5
June	July 1	July 5
July	August 1	August 5
August	September 1	September 5
September	October 1	October 5
October	November 1	November 5
November	December 1	December 5
December	January 1	January 5