



July 6, 2015

VIA E-FILING

Carlotta S. Stauffer, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399

RE: Docket No. 150102-SU; Application for an increase in wastewater rates in Charlotte County by Utilities, Inc. of Sandalhaven
Our File No. 30057.221

Dear Ms. Stauffer:

The following are the responses of Utilities, Inc. of Sandalhaven, ("Utility") to the Staff's Deficiency Letter dated July 1, 2015:

1. Rule 25-30.440(4), Florida Administrative Code (F.A.C.), requires all wastewater treatment plant (WWTP) operating reports for the test year and the year preceding the test year. The Discharge Monitoring Report (DMR) for February 2013 is missing. Please provide the missing report for the month of February 2013 for the Sandalhaven wastewater system.
Response: The DMR for February 2013 is attached.
2. Rule 25-30.440(5), F.A.C., requires the most recent WWTP compliance inspection report from the Florida Department of Environmental Protection (DEP). Sandalhaven's filing does not contain this report. Please provide the missing report.
Response: The most recent DEP Inspection Report is attached.
3. Rule 25-30.440(6), F.A.C., requires the utility to provide all DEP construction and operating permits for the WWTP. Sandalhaven's filing does not contain these documents. Please provide the required permits concerning the Sandalhaven WWTP.
Response: The Operating Permit and Revisions are attached.
4. Rule 25-30.440(7), F.A.C., requires the utility to provide any Notices of Violation, Consent Orders, Letters of Notice, or Warning Notices from DEP for the previous five years. In the *History of Development of Wastewater Treatment and Disposal* narrative on Schedule F-6, page 2 of 3, of the utility's filing, the utility cites a "Settlement Order" and a "Corrective Action Plan" with DEP. Staff believes these references indicate Sandalhaven did have DEP violations in the previous five years. Please provide all documentation as required by Rule 25-30.440(7), F.A.C.
Response: The Consent Order is attached .

5. Rule 25-30.440(8), F.A.C., requires a list of all field employees, their duties, responsibilities, certificates held, and explanation of each employee's salary allocation method to utility's capital or expense accounts. Staff notes that Glenn Bruce is listed as a water-wastewater operator, but no certificate is provided for him. Please provide a copy of the certificate for this employee.

Response: Mr. Bruce's license is attached.

6. Capital Structure - MFR Schedule D (Page 58, Line 8, Column 4) reflects a reduction of \$539,948 to the total capital which would equate to a net debit balance of accumulated deferred income taxes. Pursuant to Rule 25-30.436(4)(g), F.A.C., the provisions of Rule 25-30.433, F.A.C., shall be followed in preparing the utility's application. Pursuant to Rule 25-30.433(3), any resulting net debit deferred taxes shall be included as a separate line item in the rate base calculation. If the \$539,948 amount is actually a net credit amount, please treat it as an addition to capital and revise MFR Schedule D-2 and other applicable schedules. If the \$539,948 amount is a net debit amount, please remove it from MFR Schedule D-2, include it in wastewater rate base schedules, and revise other applicable schedules.

Response: The revised Schedules are attached.

Should you or Staff have any questions regarding this filing, please do not hesitate to give me a call.

Very truly yours,



MARTIN S. FRIEDMAN
For the Firm

MSF/
Enclosures

cc: John Hoy (via email)
Patrick Flynn (via email)
Suzanne Brownless, Esquire (via email)
Erik Sayler, Esquire (via email)

RESPONSE #1

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Section, South District, P.O. Box 2549, Ft. Myers, FL 33902-2549

PERMITTEE NAME:	Utilities Inc. of Sandalhaven	PERMIT NUMBER:	FLA014053		
MAILING ADDRESS:	200 Weathersfield Ave.				
	Altamonte Springs, Florida 32714	LIMIT:	Final	REPORT FREQUENCY:	Monthly
FACILITY:	Sandalhaven WWTP	CLASS SIZE:	N/A	PROGRAM:	Domestic
LOCATION:	6811 Placida Rd.	MONITORING GROUP NUMBER:	R-001		
	Englewood, FL 34224	MONITORING GROUP DESCRIPTION:	R-001, including Influent		
		RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO DISCHARGE FROM SITE	<input type="checkbox"/>		
COUNTY:	Charlotte	MONITORING PERIOD	From: 02-01-2013 To 02-28-2013		
OFFICE:	South District				

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement				1.5		mg/L	0	Every 2 weeks	Grab
PARM Code 80082 Y Mon. Site No. OTH-01	Permit Requirement				20.0 (An.Avg.)		mg/L		Every 2 weeks	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement		<2	<2	<2		mg/L	0	Every 2 weeks	Grab
PARM Code 80082 P Mon. Site No. OTH-01	Permit Requirement		60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)		mg/L		Every 2 weeks	Grab
Solids, Total Suspended	Sample Measurement				0.44		mg/L	0	Every 2 weeks	Grab
PARM Code 00530 Y Mon. Site No. OTH-01	Permit Requirement				20.0 (An.Avg.)		mg/L		Every 2 weeks	Grab
Solids, Total Suspended	Sample Measurement		1.2	0.75	0.75		mg/L	0	Every 2 weeks	Grab
PARM Code 00530 P Mon. Site No. OTH-01	Permit Requirement		60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)		mg/L		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				<1		#100 ml	0	Every 2 weeks	Grab
PARM Code 74055 Y Mon. Site No. OTH-01	Permit Requirement				200 (An.Avg.)		#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement				<1	<1	#100 ml	0	Every 2 weeks	Grab
PARM Code 74055 P Mon. Site No. OTH-01	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Every 2 weeks	Grab

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)
PATRICK L. GODWIN LEAD OPERATOR		941-697-4797	03-26-2013

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here): This is a revised DMR. The total on the flow is 2,702 not 2,799.

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Sandalhaven WWTP

MONITORING GROUP NUMBER:

R-001

PERMIT NUMBER: FLA014053

MONITORING PERIOD From: 02-01-2013 To: 02-28-2013

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement				6.8	7.3	s.u.	0	5 Days/Week	Grab
PARM Code 00400 P Mon. Site No. OTH-01	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement				1.7		mg/L	0	5 Days/Week	Grab
PARM Code 50060 P Mon. Site No. OTH-01	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement					0.56	mg/L	0	Every 2 Weeks	Grab
PARM Code 00620 P Mon. Site No. OTH-01	Permit Requirement					12.0 (Max.)	mg/L		Every 2 weeks	Grab
Flow	Sample Measurement		0.066					0	5 Days/Week	Flow Totalizer
PARM Code 50050 Y Mon. Site No. FLW-01	Permit Requirement		0.099 (An.Avg.)	MGD					5 Days/Week	Flow Totalizer
Flow	Sample Measurement	0.097	0.080					0	5 Days/Week	Flow Totalizer
PARM Code 50050 I Mon. Site No. FLW-01	Permit Requirement	Report (Mo.Avg.)	Report (3-Mo.Avg.)	MGD					5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement					98	percent	0	Monthly	Calculated
PARM Code 00180 P Mon. Site No. CAL-01	Permit Requirement					Report (Mo.Avg.)	percent		Monthly	Calculated
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement					288	Mg/L	0	Every 2 Weeks	Grab
PARM Code 80082 Q Mon. Site No. INF-01	Permit Requirement					Report (Max.)	mg/L		Every 2 weeks	Grab
Solids, Total Suspended (Influent)	Sample Measurement					254	Mg/L	0	Every 2 Weeks	Grab
PARM Code 00530 Q Mon. Site No. INF-01	Permit Requirement					Report (Max.)	mg/L		Every 2 weeks	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Section, 2295 Victoria Ave.#364, Ft. Myers, Florida 33901

PERMITTEE NAME:	Utilities Inc. of Sandalhaven	PERMIT NUMBER:	FLA014053		
MAILING ADDRESS:	200 Weathersfield Ave. Altamonte Springs, FL 32714	LIMIT:	Final	REPORT FREQUENCY:	Monthly
		CLASS SIZE:	N/A	PROGRAM:	Domestic
FACILITY:	Sandalhaven WWTP	MONITORING GROUP NUMBER:	RMP-1		
LOCATION:	6811 Placida Rd. Englewood, FL 34224	MONITORING GROUP DESCRIPTION:	Biosolids		
		RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO HAULING FROM SITE:	<input type="checkbox"/>		
COUNTY:	Charlotte	MONITORING PERIOD			
OFFICE:	South District	From: 02-01-2013	To: 02-28-2013		

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Transferred	Sample Measurement	0	Dry Tons			0	Monthly	Calculated
PARM Code B0007 Mon. Site No. RMP-1	Permit Requirement	Monthly Total	Dry Tons				Monthly	Calculated
Biosolids Landfilled	Sample Measurement	0	Dry Tons			0	Monthly	Calculated
PARM Code B0008 Mon. Site No. RMP-1	Permit Requirement	Monthly Total	Dry Tons				Monthly	Calculated

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

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyyy)
PATRICK L. GODWIN LEAD OPERATOR		697-4797	03-26-2013

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

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA014053
From: 02-01-2013 To: 02-28-2013

Facility: Sandalhaven WWTP

	Flow MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	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.	Biosolids Landfilled	Biosolids Transferred
Code	50050	80082	00530	80082	50060	74055	00620	00530	00400	B0008	B0007
Mon. Site	FLW-01	INF-01	INF-01	OTH-01	OTH-01	OTH-01	OTH-01	OTH-01	OTH-01	RMP-1	RMP-1
1	0.088				2.2				7.0		
2	0.086				2.2				7.1		
3	0.106				2.1				7.1		
4	0.056				2.2				7.0		
5	0.085				2.1				7.0		
6	0.110				1.9				7.0		
7	0.104				1.7				7.0		
8	0.083				1.9				7.0		
9	0.113				2.2				7.1		
10	0.094				2.1				7.0		
11	0.090				2.2				7.1		
12	0.096				2.2				7.1		
13	0.098				1.9				7.0		
14	0.076	223	168	<2	2.2	<1	0.61	1.2	6.9		
15	0.096				2.2				6.9		
16	0.091				2.0				7.0		
17	0.094				2.1				7.0		
18	0.086				2.2				6.9		
19	0.105				2.2				6.8		
20	0.111				1.8				7.0		
21	0.108				1.7				7.2		
22	0.082				1.8				7.3		
23	0.096				2.0				7.1		
24	0.109				2.2				7.1		
25	0.099				2.2				7.1		
26	0.116				2.2				6.9		
27	0.109				1.9				6.9		
28	0.115	288	254	<2	1.8	<1	0.49	<0.6	7.0		
29											
30											
31											
Total	2.702									0	0
Mo. Avg.	0.097	256	211	<2	2.1	<1	0.55	0.75	7.0	0	0

PLANT STAFFING:

Day Shift Operator	Class: <u> C </u>	Certificate No: <u> 0014405 </u>	Name: <u> DON L. HAMILTON </u>
Evening Shift Operator	Class: <u> </u>	Certificate No: <u> </u>	Name: <u> </u>
Night Shift Operator	Class: <u> </u>	Certificate No: <u> </u>	Name: <u> </u>
Lead Operator	Class: <u> B </u>	Certificate No: <u> 0007518 </u>	Name: <u> PATRICK L. GODWIN </u>

RESPONSE #2

RESPOND BY 8/20/13



FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FL 33902-2549

RONALD S. SHERIDAN
GOVERNOR

HERSCHEL T. VINYARD, JR.
SECRETARY

SENT VIA ELECTRONIC MAIL

August 5, 2013

Patrick C Flynn, Regional Director
Utilities Inc. of Sandalhaven
200 Weathersfield Ave.
Altamonte Springs, FL 32714
Email: pcflyn@uiwater.com

Re: Compliance Assistance Offer
Sandalhaven WWTP
FLA014053
Charlotte County

Dear Mr. Flynn,

A compliance evaluation inspection was conducted at your facility on July 15, 2013, under the authority of Section 403.091, Florida Statutes (F.S.). During this inspection, possible violations of Chapter 403, F.S. and Chapter 62-600, Florida Administrative Code (F.A.C.) were observed. The purpose of this letter is to offer you compliance assistance as a means of resolving these matters.

Please see the attached inspection report for a full account of Department observations and be advised this Compliance Assistance Offer is part of an agency investigation preliminary to agency action in accordance with Section 120.57(5), F.S. We request you review the items of concern noted in the attached inspection report and respond in writing within **15 days** of receipt of this Compliance Assistance Offer. Your written response should either:

1. Describe what you have done to resolve the issue, or
2. Provide information that either mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for one of our inspectors to visit your facility to offer suggested actions to return to compliance without enforcement.

It is the Department's desire that you are able to document compliance or corrective actions concerning the possible violations identified in the attached inspection report so that this matter can be closed without enforcement. Your failure to respond promptly in writing (or by e-mail) may result in the initiation of formal enforcement proceedings.

Sandalhaven WWTP
FLA014053
Compliance Assistance Offer
Page 2 of 2

Please address your response and any questions to Diane Loughlin of the South District Office at (239)344-5641, or whenever possible, electronically via e-mail at diane.loughlin@dep.state.fl.us. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'A. McLaurin', with a long horizontal line extending to the right.

Albert D. McLaurin, P.E.
Assistant Director
South District Office

Enclosure: Inspection Report (with attachments)

cc: Lenny Godwin, Operator, Utilities Inc (plgodwin@uiwater.com)
Allen Slater, FRWA (allen.slater@frwa.net)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility Sandalhaven WWTP 6811 Placida Rd Englewood, FL 34224 - 9596	WAFR ID: FLA014053	County Charlotte Phone (407) 869-1919	Entry Date/Time 7/15/2013 10:20:00 AM @ Exit Date/Time: 7/15/2013 11:26:00 AM
Name(s) of Field Representative(s)	Title	Email	Phone
Name and Address of Permittee or Designated Representative Patrick C Flynn 200 Weathersfield Ave Altamonte Springs, FL 32714 - 4027	Title Regional Director Email pcflyn@uiwater.com	Phone (407) 869-1919	@ Operator Certification #

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

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

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

Recommended Actions:

Name(s) and Signature(s) of Inspector(s) Diane Loughlin <i>Diane Loughlin</i>	District Office/Phone Number SD/ (239)344-5600	Date 8-1-2013
@ Signature of Reviewer Brandon Ivey <i>Brandon Ivey</i>	District Office/Phone Number SD/(239)344-5653	Date 8/1/2013

Single Event Violation Code(s):

INSPECTION REPORT SUMMARY

Facility Name: Sandalhaven WWTP
Facility ID: FLA014053
Inspection Type: CEI
Inspection Date: 7/15/2013 11:26:00 AM

FACILITY BACKGROUND:

Facility Address: 6811 Placida Rd, Englewood, FL 34224 - 9596, Charlotte County
Program/ Permit Information: DW, permit issue date: 2/15/2012, expiration date: 2/14/2017
Treatment Summary: Extended Aeration, 2 Filters w/Effluent to 3 Pere Ponds and Golf Course
Permitted Capacity: 0.15 MGD

1. **Permit:** RATING – IN COMPLIANCE

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

2. **Compliance Schedules:** RATING – IN COMPLIANCE

2.1 **Observation:** The schedules specified in the permit/order have been completed.

3. **Laboratory:** RATING – NOT APPLICABLE

4. **Sampling:** RATING – IN COMPLIANCE

4.1 **Observation:** Calibrations were performed correctly. (Specifics can be written in the comment section)

4.2 **Observation:** Sample collection is being performed in accordance with DEP-SOP-001/01

4.3 **Observation:** Safe and dry access to influent and effluent sampling points are provided.

4.4 **Observation:** Calibration standards/buffers were within the expiration dates.

5. **Records and Reports:** RATING – IN COMPLIANCE

5.1 **Observation:** *General* – A copy of the current laboratory certification was available at the time of the inspection (62-620.350(1) F.A.C.).

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

5.3 **Observation:** *General* – The certified operator's daily logbook was complete.

Please Note: A more efficient and paperless alternative to reporting discharge and groundwater monitoring data is available at <http://www.edmr.dep.state.fl.us>.

6. **Facility Site Review:** RATING – MINOR OUT-OF-COMPLIANCE

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

6.2 **Observation:** *General* – The facility grounds were clean and well maintained.

6.3 **Observation:** *General* – Foul odors did not permeate beyond the boundaries of the plant site at the time of the inspection.

Deficiency Description:

6.4 **Observation:** *General* – Please see specific comment

Additional Comments: Tank showing signs of rust/corrosion.

Facility Name: Sandalhaven WWTP
Inspection Date: 7/15/2013 11:26:00 AM

Permit/Rule or Other Reference:

F.A.C. Rule 62-600.410(6) states that all facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and domestic wastewater residuals shall be maintained, at a minimum, so as to function as intended.

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

6.6 Observation: Backflow Prevention – The reduced pressure zone backflow prevention device was free from leaks and necessary repair.

Additional Comments: Tested 1/18/2013 by Utilities Inc.

6.7 Observation: Headworks – Screening and grit are being collected in suitable containers.

6.8 Observation: Headworks – The bar screen is cleaned on a routine basis.

6.9 Observation: Aeration Basins/Act. Sludge – The contents in the aeration chambers appeared to be adequately mixed.

6.10 Observation: Aeration Basins/Act. Sludge – The air line(s) to the aeration basin was free from leaks at the time of the inspection.

6.11 Observation: Aeration Basins/Act. Sludge – The RAS line was properly located.

6.12 Observation: Blowers/Motors – The blower was operational at the time of the inspection.

6.13 Observation: Blowers/Motors – The secondary blower motor was operational.

6.14 Observation: Blowers/Motors – The blowers were equipped with belt guards.

6.15 Observation: Clarifiers – The clarifier weirs appear to be level.

6.16 Observation: Clarifiers – The skimmer appeared to be functioning properly.

6.17 Observation: Clarifiers – The clarifier had good settling and clear effluent.

6.18 Observation: Disinfection – The chlorine contact chamber was clean and the effluent leaving the plant was clear.

6.19 Observation: Digestors – The tank contents in the aerobic digester were well mixed.

6.20 Observation: Digestors – The digestors were free from excessive odors.

6.21 Observation: Digestors – The digester was free from excessive foaming.

6.22 Observation: Ponds/Lagoons – The treatment lagoon appeared to have adequate freeboard space.

6.23 Observation: Ponds/Lagoons – The treatment lagoon was properly secured to prevent unauthorized access.

6.24 Observation: Ponds/Lagoons – The treatment lagoon berms were properly stabilized.

7. Flow Measurement: RATING – IN COMPLIANCE

7.1 Observation: The flow measurement device was installed properly.

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

Additional Comments: Calibrated 12/31/12.

7.3 Observation: The chart recorder for the flow meter was operational at the time of the inspection.

8. Operation and Maintenance: RATING – IN COMPLIANCE

8.1 Observation: General – The facility was operated and maintained in accordance with the description in the Permit.

8.2 Observation: General – A certified operator as required by Rule 62-602 and the Permit, was operating the WWTF.

Facility Name: Sandalhaven WWTP
Inspection Date: 7/15/2013 11:26:00 AM

9. **Effluent Quality:** RATING – IN COMPLIANCE

9.1 Observation: The final effluent chlorine residual was within the acceptable range.

Additional Comments: Cl2 = 0.7 mg/L (as measured by operator).

9.2 Observation: A review of the Discharge Monitoring Reports did not reveal any effluent exceedances.

10. **Effluent Disposal:** RATING – MINOR OUT-OF-COMPLIANCE

10.1 Observation: *General* – The facility was discharging at the time of the inspection.

10.2 Observation: *General* – The effluent was free from visible sheen at the time of the inspection.

10.3 Observation: *General* – The effluent was free from excessive turbidity.

10.4 Observation: *General* – The effluent was free from excessive foam.

Deficiency Description:

10.5 Observation: *General* – The disposal pond berms were overgrown with vegetation.

Permit/Rule or Other Reference:

F.A.C. Rule 62-610.523(6) states that rapid infiltration basins, percolation ponds, basins, trenches, or cells shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids.

11. **Biosolids/Sludge:** RATING – IN COMPLIANCE

11.1 Observation: *General* – Residuals were being disposed of in accordance with the permit.

Additional Comments: Hauled by Karle.

12. **Groundwater Quality:** RATING – NOT APPLICABLE

13. **SSO Survey:** RATING – NOT EVALUATED

14. **Other:** RATING – NOT EVALUATED

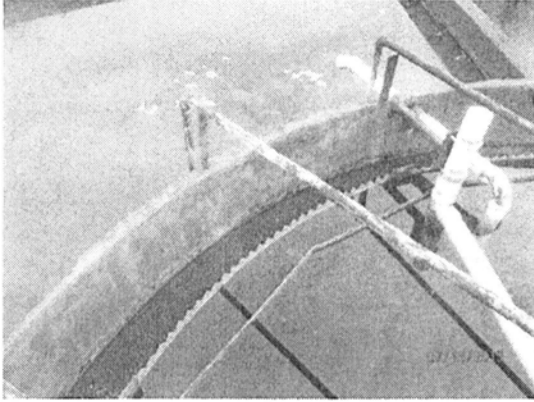
14.1 Observation: Please see specific comment

Additional Comments: Discussed deficiencies with the operator at the time of the inspection.

Sandalhaven WWTP (FLA014053)
Photos by Diane Loughlin on 7/15/2013

I certify that these photos represent the true
on-site conditions observed
and have not been altered in any way.

Diane Loughlin



1
Rust/corrosion.



2
Rust/corrosion.



3
Overgrown berm

ENTERED
OCULUS



August 13, 2013

Ms. Diane Loughlin
FDEP – South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549

RE: Sandalhaven WWTP
Permit ID# FLA014053
CEI Inspection
Charlotte County

Dear Ms. Loughlin:

Our office is in receipt of the Department's letter dated August 5, 2013 regarding the above referenced facility inspection conducted by Department personnel on July 15, 2013.

Items noted during the inspection have been addressed as follows. The Department's comments are reiterated in bold with the Utility's response immediately following:

Tank showing signs of rust/corrosion.

Tank maintenance and repairs will be completed by December 31, 2013.

The disposal pond berms were overgrown with vegetation.

The pond berms were trimmed of vegetation on July 17, 2013. Please see pictures attached. The ponds will be placed on a routine maintenance program.

If you should have any questions or require further information, please do not hesitate to contact me at (800) 272-1919, ext. 1362 or via email at slhaws@uiwater.com.

Sincerely,

UTILITIES, INC. OF SANDALHAVEN

Scotty L. Haws
Regional Compliance & Safety Manager

EC: Patrick C. Flynn, Regional Director
Mike Wilson, Regional Manager

RESPONSE #3



Florida Department of Environmental Protection

South District Office
Post Office Box 2549
Fort Myers, Florida 33902-2549

Herschel F. Howard Jr.
Governor

Jennifer Carroll
Lt. Governor

Herschel F. Howard Jr.
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Utilities Inc. of Sandalhaven

RESPONSIBLE OFFICIAL:

Patrick C. Flynn
200 Weathersfield Ave.
Altamonte Springs, Florida 32714
(321) 972-0359

PERMIT NUMBER:

FLA014053

FILE NUMBER:

FLA014053-009-DW2P

ISSUANCE DATE:

February 15, 2012

EXPIRATION DATE:

February 14, 2017

FACILITY:

Sandalhaven WWTP
6811 Placida Rd.
Englewood, Florida 34224
Charlotte County
Latitude: 26°52' 34" N Longitude: 82°18' 18" 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:

Rerate an existing domestic wastewater treatment plant to 0.099 MGD annual average daily flow (AADF) permitted capacity. The existing plant consists of: influent barscreen, 20,000-gallons of flow equalization, one 170,000-gallon aeration tank, one 283 sq.ft. clarifier tank, two 38 sq.ft. filters, a mudwell, two 5,000-gallon chlorine contact tanks, and one 35,000-gallon digester tank.

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.099 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-001 is a reuse system which consists of percolation ponds having a capacity of 0.099 MGD located approximately at latitude 26°52' 34" N, longitude 82°18' 18" 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 16 of this permit.

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 FACILITY: Sandalhaven WWTP

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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.:

Parameter	Units	Reclaimed Water Limitations			Monitoring Requirements			Notes
		Max/Min	Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	
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	Every Two weeks	Grab	OTH-01	See I.A.5
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Every Two weeks	Grab	OTH-01	See I.A.5
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Annual Average Monthly Geometric Mean Single Sample	Every Two weeks	Grab	OTH-01	See I.A.3,5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	OTH-01	See I.A.5
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	OTH-01	See I.A.4,5
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Every Two weeks	Grab	OTH-01	See I.A.5

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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
OTH-01	As indicated in the application, sample taken at open distribution chamber located downstream of chlorine contact chamber.

3. 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)]*
4. 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)]*
5. Grab samples shall be collected during periods of minimal treatment plant pollutant removal efficiencies or maximum organic loading in the reclaimed water or effluent. *[62-600.740(1)(a)2]*

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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 Permit Condition I.B.7.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max Max	0.099 Report Report	Annual Average Monthly Average Three-Month Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-01	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	Every Two weeks	Grab	INF-01	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Every Two weeks	Grab	INF-01	See I.B.3

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

Monitoring Site Number	Description of Monitoring Site
FLW-01	Ultrasonic flow meter at effluent V-notch weir.
CAL-01	Calculated from the flow measurements.
INF-01	Influent sample taken from sample tap on raw influent line that rises to top of wastewater treatment plant.

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. A recording flow meter with totalizer 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:
- a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

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

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

6. The permittee shall provide safe access points for obtaining representative 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

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on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

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

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 submit the completed DMR forms to the Department's South District Office at the address specified in Permit Condition 1.B.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)]

8. 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 South District Office at the address specified below:

Florida Department of Environmental Protection
South District Office
P. O. Box 2549
Ft. Myers, Florida 33902-2549

Phone Number - (239) 344-5600
FAX Number - (850) 412-0590
(All FAX copies and e-mails shall be followed by original copies.)

[62-620.305]

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

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be transferred to Karle Enviro-Organic Recycling Inc. or Appalachian Material Service Inc., 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)]*

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2. The permittee shall monitor and keep records of the quantities of biosolids generated, treated, transferred to another facility, landfilled, received from other source facilities, or land applied. These records shall be kept for a minimum of five years. *[62-640.650(4)(a)]*
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report in accordance with Condition I.B.7 of this permit.

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

4. Biosolids quantities shall be calculated as listed in Permit Condition II.A.3 of this permit, and as described below:

Monitoring Site Number	Description of Monitoring Site Calculation
RMP-1	Calculated Monthly Total of Biosolids transferred, or 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. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. *[62-640.400(9)]*

B. Treatment and Monitoring Requirements

1. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with the requirements of Chapter 62-701, F.A.C. *[62-640.100(6)(b) & (c)]*
2. 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 62-640.800(1)(c), F.A.C., for further treatment, management, or disposal. *[62-640.880(1)(b)]*
3. The permittee shall keep hauling records to track the transport of biosolids between facilities. The hauling records shall contain the following information:

Source Facility

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

Biosolids Treatment Facility or Treatment Facility

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

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

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Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility. *[62-640.880(4)]*

4. The permittee shall maintain records of biosolids quantities, monitoring, and hauling for at least five years, and make them available for inspection on site. *[62-640.650(4)(a)]*
5. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to Rule 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*
6. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

- A. The Department has determined that groundwater monitoring is no longer necessary at this facility. *[62-520.600(9)]*
 1. Within 90 days of permit issuance, all piezometers and monitoring wells previously part of the approved ground water monitoring plan shall be plugged and abandoned in accordance with Rule 62-532.500(4), F.A.C.
 2. Within 30 days of completion of abandonment, the permittee shall submit to the Department two copies of certification of completion on South Florida Water Management District Well Completion Report Form 0124. The original shall be sent to the South District office in Fort Myers. See Condition I.B.8.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part IV Rapid Infiltration Basins

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. The maximum annual average loading rate to the percolation ponds shall be limited to 4.8 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*
3. The percolation ponds normally shall be loaded for 7 days and shall be rested for 7 days. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4)]*
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*
5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.514 and 62-610.414]*
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a(n) operator(s) certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter

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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 ½ 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)]*
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; and
 - i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and 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.

[62-620.350, 62-602.650]

D. Operation

1. As stated in the application, this facility can divert its wastewater to the Englewood Water District WWTP.

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VI. SCHEDULES

1. In accordance with the February 8, 2012, facility site visit, and in accordance with Section 7.0 of the permittee's Operation and Maintenance Report received on January 24, 2012, the following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Place a shutoff valve on the effluent line that goes to the Pond 4.	Within 30 days of permit issuance.
2. Install two automatic pumps in the mudwell. The subject pumps shall direct flow from the mudwell to the surge tank.	Within 90 days of permit issuance.
3. Remove diffuser assembly, inspect, make needed repairs to the piping and replace diffusers with new diffusers.	Within 30 days of permit issuance.
4. Surge tank: prepare interior tank surface and coat for corrosion protection.	Within 12 months of permit issuance.
5. Discontinue effluent monitoring of turbidity. Start new finished effluent sampling point OTH-01.	Upon issuance of permit.
6. Discontinue use of Golf Course spray irrigation system.	Upon issuance of permit.
7. The permittee shall update the facility's Operation and Maintenance Manual to include the recordkeeping required by Condition VIII.11 of this permit.	Within 30 days of permit issuance.
8. Provide a hydraulic loading analysis of the on-site percolation ponds.	Within 12 months of permit issuance.
9. Percolation ponds shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. [62-610.523(6) and (7)]	Within 120 days of permit issuance
10. Plug and abandon the monitoring well(s) and all piezometers.	Within 90 days after permit issuance.
11. Submit South Florida Water Management District Well Completion Report Form 0124.	Within 30 days after the abandonment of the monitoring well(s).

[62-620.320(6)] [62-610.523(6)]

- a. The permittee is not authorized to discharge to waters of the state (i.e., groundwaters) after the expiration date of this permit, unless:
 1. 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
 2. 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]

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VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
2. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40^oC or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems.*[62-604.130(5)]*
6. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.518(1) and 62-600.400(2)(b)]*
7. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
8. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
9. The permittee shall provide verbal notice to the Department's South 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

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appropriate to control the entry of contaminants, and shall detail these measures to the Department's South District Office in a written report within 7 days of the sinkhole discovery. [62-620.320(6)]

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

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

[62-620.625(2)]

11. The permittee shall inspect and record the condition of the automatic mudwell pumps on a quarterly basis beginning on March 31, 2012. The subject recording shall continue on a quarterly basis through the life of this permit. The subject records shall be stored so they are readily available to Department staff. [62-600.410(6), F.A.C., and Best Professional Judgment]

IX. GENERAL CONDITIONS

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

PERMITTEE: Utilities Inc. of Sandalhaven
FACILITY: Sandalhaven WWTP

PERMIT NUMBER: FLA014053
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7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:
 - a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.*[62-620.610(9)]*
10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

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FACILITY: Sandalhaven WWTP

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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 description of the anticipated noncompliance;
 - The period of the anticipated noncompliance, including dates and times; and
 - 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.
- 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.
 - 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.
 - Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
 - 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 E.L.C.P.). 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.
 - 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.
 - 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 South 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 WATCH 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 Watch Point:
 - i. Name, address, and telephone number of person reporting;
 - ii. Name, address, and telephone number of permittee or responsible person for the discharge;
 - iii. Date and time of the discharge and status of discharge (ongoing or ceased);
 - iv. Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - v. Estimated amount of the discharge;
 - vi. Location or address of the discharge;
 - vii. Source and cause of the discharge;
 - viii. Whether the discharge was contained on-site, and cleanup actions taken to date;
 - ix. Description of area affected by the discharge, including name of water body affected, if any; and
 - x. 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 South 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 South 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.

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including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

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

[62-620.610(22)]

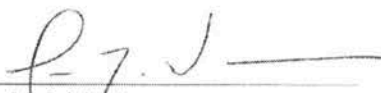
23. Upset Provisions.

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

[62-620.610(23)]

Executed in Ft. Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management

DATE: February 15, 2012

Attachment(s):

Discharge Monitoring Reports
Statement of Basis

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

PERMIT NUMBER: FLA014053
P.A. FILE NUMBER: FLA014053-009-DW2P
FACILITY NAME: Sandalhaven WWTP
FACILITY LOCATION: 6811 Placida Rd., Englewood, FL 34224
Charlotte County
NAME OF PERMITTEE: Utilities Inc. of Sandalhaven
PERMIT WRITER: R. Walters

I. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA014053-009-DW2P
Application Submittal Date: 26 August 2011

b. Type of Facility

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

c. Facility Capacity Rerate

Existing Permitted Capacity:	0.150 MGD Annual Average Daily Flow
Proposed Change in Permitted Capacity:	(0.051 MGD) Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.099 MGD Annual Average Daily Flow

d. Description of Wastewater Treatment

Rerate an existing domestic wastewater treatment plant to 0.099 MGD annual average daily flow (AADF) permitted capacity. The existing plant consists of: influent barscreen, 20,000-gallons of flow equalization, one 170,000-gallon aeration tank, one 283 sq.ft. clarifier tank, two 38 sq.ft. filters, a mudwell, two 5,000-gallon chlorine contact tanks, and one 35,000-gallon digester tank.

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

Secondary treated effluent discharged to percolation ponds.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

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

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
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	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
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	0.099	Annual Average	62-600.400(3)(b) FAC
		Max	Report	Monthly Average	62-600.400(3)(b) FAC
		Max	Report	Three-Month 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

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
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 discharge to the percolation ponds is limited to 0.099 MGD AADF. The permittee shall discontinue this facility's Part III public access reuse. To significantly reduce the possibility of a discharge of water and solids from the mudwell to the percolation pond, the permittee shall install and maintain automatic pumps in the mudwell. The subject pumps shall pump the water and solids to the surge tank. As indicated in the application, this facility can divert its wastewater to the Englewood Water District WWTP.

5. BIOSOLIDS MANAGEMENT

The method of biosolids use or disposal by this facility is transport to Karle and Appalachian Material Services, or disposal in a Class I solid waste landfill.

6. GROUND WATER MONITORING REQUIREMENTS

Ground water monitoring requirements have been established in accordance with Chapters 62-520, 532, 601, 610, and 620, F.A.C.

7. PERMIT SCHEDULES

This permit contains a schedule of improvement actions.

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 AO or CO.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, comments received, and additional information is available for public inspection during normal business hours at the location specified in item 12. Copies will be provided at a charge per page.

12. DEP CONTACT

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

R. Walters
Engineering Specialist
South District Office
2295 Victoria Ave., Suite 364
Ft. Myers, FL 33901

Telephone No.: (239) 344-5600

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Section, South District, P.O. Box 2549, Ft. Myers, FL 33902-2549

PERMITTEE NAME: Utilities Inc. of Sandalhaven
 MAILING ADDRESS: 200 Weathersfield Ave.
 Altamonte Springs, Florida 32714

PERMIT NUMBER: FLA014053

FACILITY LOCATION: Sandalhaven WWTP
 6811 Placida Rd.
 Englewood, FL 34224

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: R-001, including Influent

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY OFFICE: Charlotte
 South District

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

Parameter		Quantity or Loading	Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 Y Mon. Site No. OTH-01	Permit Requirement			20.0 (An.Avg.)			mg/L		Every 2 weeks	Grab
BOD, Carbonaceous 5 day, 20C	Sample Measurement									
PARM Code 80082 P Mon. Site No. OTH-01	Permit Requirement		60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)		mg/L		Every 2 weeks	Grab
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 Y Mon. Site No. OTH-01	Permit Requirement			20.0 (An.Avg.)			mg/L		Every 2 weeks	Grab
Solids, Total Suspended	Sample Measurement									
PARM Code 00530 P Mon. Site No. OTH-01	Permit Requirement		60.0 (Max.)	45.0 (Wk.Avg.)	30.0 (Mo.Avg.)		mg/L		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon. Site No. OTH-01	Permit Requirement			200 (An.Avg.)			#/100mL		Every 2 weeks	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 P Mon. Site No. OTH-01	Permit Requirement			200 (Mo.Geo.Mn.)	800 (Max.)		#/100mL		Every 2 weeks	Grab

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

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

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Sandalhaven WWTP

MONITORING GROUP NUMBER: R-001
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA014053

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
pH PARM Code 00400 P Mon. Site No. OTH-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 P Mon. Site No. OTH-01	Sample Measurement									
	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N) PARM Code 00620 P Mon. Site No. OTH-01	Sample Measurement									
	Permit Requirement					12.0 (Max.)	mg/L		Every 2 weeks	Grab
Flow PARM Code 50050 Y Mon. Site No. FLW-01	Sample Measurement									
	Permit Requirement		0.099 (An.Avg.)	MGD					5 Days/Week	Flow Totalizer
Flow PARM Code 50050 I Mon. Site No. FLW-01	Sample Measurement									
	Permit Requirement	Report (Mo.Avg.)	Report (3-Mo.Avg.)	MGD					5 Days/Week	Flow Totalizer
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		Every 2 weeks	Grab
Solids, Total Suspended (Influent) PARM Code 00530 Q Mon. Site No. INF-01	Sample Measurement									
	Permit Requirement					Report (Max.)	mg/L		Every 2 weeks	Grab

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA014053
 Monitoring Period From: _____ To: _____

Facility: Sandalhaven WWTP

	Flow MGD	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Solids, Total Suspended (Influent) mg/L	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.	Biosolids Landfilled	Biosolids Transferred
Code	50050	80082	00530	80082	50060	74055	00620	00530	00400	B0008	B0007
Mon. Site	FLW-01	INF-01	INF-01	OTH-01	OTH-01	OTH-01	OTH-01	OTH-01	OTH-01	RMP-1	RMP-1
1											
2											
3											
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23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

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

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

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

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

ISSUANCE/REISSUANCE DATE:

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Section, P.O. Box 2549, Ft. Myers, FL 33902-2549

PERMITTEE NAME:	Utilities Inc. of Sandalhaven	PERMIT NUMBER:	FLA014053	REPORT FREQUENCY:	Monthly
MAILING ADDRESS:	200 Weathersfield Ave. Altamonte Springs, FL 32714	LIMIT:	Final	PROGRAM:	Domestic
FACILITY:	Sandalhaven WWTP	CLASS SIZE:	N/A		
LOCATION:	6811 Placida Rd. Englewood, FL 34224	MONITORING GROUP NUMBER:	RMP-1		
COUNTY:	Charlotte	MONITORING GROUP DESCRIPTION:	Biosolids		
OFFICE:	South District	RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO HAULING FROM SITE:	<input type="checkbox"/>		
		MONITORING PERIOD	From: _____	To: _____	

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Transferred	Sample Measurement							
PARM Code B0007 Mon. Site No. RMP-1	Permit Requirement	Monthly Total	Dry Tons				Monthly	Calculated
Biosolids Landfilled	Sample Measurement							
PARM Code B0008 Mon. Site No. RMP-1	Permit Requirement	Monthly Total	Dry Tons				Monthly	Calculated

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

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

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

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
MNR	Monitoring not required this period.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.

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

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

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

PART A -DISCHARGE MONITORING REPORT (DMR)

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

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.



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549
SouthDistrict@dep.state.fl.us

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL L. VINYARD, JR.
SECRETARY

SENT BY ELECTRONIC MAIL

In the Matter of an
Application for Permit Revision by:

Patrick Flynn, Vice-President
Utilities Inc. of Sandalhaven
200 Weathersfield Ave.
Altamonte Springs, Florida 32714
Email: pcflyn@uiwater.com

Charlotte County - DW
Sandalhaven WWTP
P.A. File Number: FLA014053-011-DW2
Date of Expiration: **February 14, 2017**

NOTICE OF PERMIT REVISION

This notice revises the Department permit number FLA014053 in accordance with the application received on October 16, 2014, and the additional information received November 6, 2014, to revise the facility's reuse or disposal system.

This permit revision is accompanied by Consent Order Number 14-0536-08-DW pursuant to Paragraphs 403.088(2)(e) and (f), Florida Statutes. Compliance with Consent Order Number 14-0536-08-DW is a specific requirement of this permit.

This revision is issued under Section 403.087, Florida Statutes, as follows:

Add Condition IV.A.7 to the permit:

The permittee is authorized to remove the HDPE liner from the Pond number 1. The permittee shall dispose of the liner material in a Class I solid waste landfill.

Add Condition IV.A.9 to the permit:

Pond number 4 shall be held in reserve in the event that groundwater mounding begins to occur based upon monitoring the site's piezometers.

Add Condition VI.3 to the permit:

A compliance schedule for this facility is included in Consent Order Number 14-0536-08-DW, which is hereby incorporated by reference. Compliance with Consent Order Number 14-0536-08-DW is a specific requirement of this permit. [*§ 403.088(2)(e) and (f), F.S.*]

Add Condition VIII.12 to the permit:

Prior to placing the modifications to existing facilities into operation or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. [*62-620.410(7)*]

Add Condition VIII.13 to the permit:

Within six months after a facility is placed in operation, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings (as applicable) pursuant to Chapter 62-600, F.A.C., and that an *updated* operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. *[62-620.410(6) and 62-620.630(7)]*

The permit expiration date and all other conditions of the permit FLA014053 shall remain unchanged. This notice of permit revision becomes a part of the permit and shall be attached to the permit.

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 in writing 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, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
- (c) A statement of when and how the petitioner received notice of the Department's decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

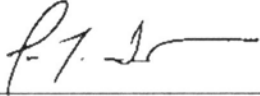
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of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

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

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

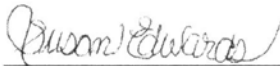


Jon M. Iglehart
Director of
District Management

Enclosure: Consent Order Number 14-0536-08-DW

CERTIFICATE OF SERVICE

The undersigned hereby certifies that this NOTICE OF PERMIT REVISION and all copies were mailed or emailed before the close of business on November 14, 2014, to the listed persons.



Name

November 14, 2014

Date

FILING AND ACKNOWLEDGMENT

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



[Clerk]

November 14, 2014

[Date]

JMI/RW/se

Copies furnished to:

Mike Wilson; via email (MAWilson@uiwater.com)

Diane Loughlin, DEP--Ft. Myers

Deanna Newburg, DEP—Ft. Myers

David Rhodes P.G., DEP--Ft. Myers

Ron Walters, DEP—Ft. Myers



**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**
SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FL 33902-2549

RICK SCOTT
GOVERNOR

CARLOS TOPEZ-CANTERA
LL GOVERNOR

HERSCHEL L. VINYARD JR.
SECRETARY

NOTICE OF PERMIT REVISION

Electronic Mail

In the Matter of a Permit Revision for:

Patrick C. Flynn
UTILITIES, INC. OF SANDALHAVEN
200 Weathersfield Ave.
Altamonte Springs, FL 32714
Email: pcflynn@uiwater.com

Charlotte County - DW
Sandalhaven WWTP
Permit Number: FLA014053
File Number: FLA014053-010

Dear Mr. Flynn:

In response to the Hydrogeological Evaluation of the Effluent Disposal System at Sandalhaven WWTP prepared by Andreyev Engineering, Inc., on November 27, 2012, this is notification of a revision to the above referenced permit. The Department hereby revises domestic wastewater permit number FLA014053 to incorporate changes, pursuant to §403.087 of the Florida Statutes, as follows:

- * The permitted capacity of the land application system R-001 is hereby changed from 0.099 million gallons per day ("MGD") annual average daily flow ("AADF") to 0.045 MGD rolling three month average daily flow.
- * The permitted capacity of the Sandalhaven wastewater treatment plant ("WWTP") is hereby changed from 0.099 MGD AADF to 0.045 MGD rolling three month average daily flow.
- * The following condition number 2 is hereby added to Section VI of permit FLA014053:
 2. On or before June 18, 2014, the permittee shall submit to the Department a written corrective action plan ("Plan") to resolve the Sandalhaven WWTP projected permitted disposal capacity shortfall. The permittee shall complete implementation of the Plan by October 31, 2014. The Plan shall include any appropriate inflow and infiltration corrective actions. If the Plan anticipates continued use of any of the existing percolation ponds after October 31, 2014, then the Plan shall include an assessment to quantify the organic content of the pond bottom soils and a continuing means to monitor and document pond performance.

All other language and conditions of permit (FLA014053) which are not in conflict with this revision, and the expiration date of the permit (February 14, 2017), shall remain unchanged. This letter must be attached to the referenced permit and becomes a permanent part thereof.

The Department's agency action shall become final unless a timely petition for an administrative proceeding (hearing) is filed pursuant to Sections 120.569 and 120.57 of the Florida Statutes (F.S.), before the deadline for filing a petition. The procedures for petitioning for an administrative hearing are set forth below.

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

Petitions filed by the permit applicant ("permittee") or by any of the parties listed below must be filed within fourteen (14) days of receipt of this written notice. Petitions filed by any person other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen (14) days of publication of the public notice or within fourteen (14) days of receipt of the written notice, whichever occurs first. However, pursuant to Section 120.60(3), F.S., any person who has asked the Department for notice of agency action may file a petition within fourteen (14) days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the permittee at the address indicated above at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative hearing under Sections 120.569 and 120.57, F.S. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

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

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

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

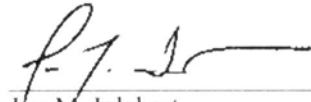
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of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

Mediation under §120.573, F.S., is not available for this proceeding.

This action is final and effective on the date filed with the clerk of the Department unless a petition (or request for mediation) is filed in accordance with the above provisions. Upon the timely filing of a petition (or request for mediation) this order will not be effective until further order of the Department. Any party to this order has the right to seek judicial review of the order under Section 120.68, F.S., by the filing of a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, at 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 thirty (30) days from the date when this order is filed with the clerk of the Department.

Executed in Fort Myers, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



John M. Iglehart
Director of District Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT REVISION and all copies were mailed or emailed before the close of business on May 23, 2014, to the listed persons.

FILING AND ACKNOWLEDGMENT

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


Clerk

May 23, 2014
Date

JMI/GM/se

Copies furnished to:

Patrick Flynn, PCFlynn@uiwater.com
Mike Wilson, MAWilson@uiwater.com
Scotty Haws, SLHaws@uiwater.com
John Hoy, JPHoy@uiwater.com
Brandon Ivey, DEP
Diane Loughlin, DEP
Ron Walters, DEP
Deanna Newburg, DEP
David Rhodes, DEP
Albert McLaurin, DEP
Abdul Ahmadi, DEP
Gary Maier, DEP

RESPONSE #4



FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

South District Office
P.O. Box 2549
Fort Myers, FL 33902-2549
Southdistrict@dep.state.fl.us

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

October 8, 2014

John Hoy, President
Utilities, Inc. of Sandalhaven
200 Weathersfield Avenue
Altamonte Springs, FL 32714
JPHoy@uiwater.com

Charlotte County-DW
FLA014053 Sandalhaven WWTP
OGC Case No: 14-0536-08-DW

Dear Mr. Hoy:

Enclosed is the signed and entered Consent Order to resolve the above referenced case. This copy is for your records.

Please note that all compliance dates begin from the date of entry of this Order, which is October 8, 2014.

Upon satisfactory completion of all conditions of the Order, we will close this case and place it in our inactive file.

If you have any questions, please contact Diane.Loughlin@dep.state.fl.us at (239) 344-5656.
Your cooperation in resolving this case is appreciated.

Sincerely,

Jon M. Iglehart
Director of District Management

JMI/DL/mf

cc: Patrick Flynn, Utilities Inc. pcflyn@uiwater.com
Mike Wilson, Utilities, Inc. MAWilson@uiwater.com
Scotty Haws, Utilities Inc. SLHaws@uiwater.com
Mike Tanski, FDEP Michael.Tanski@dep.state.fl.us
Lea Crandall, FDEP OGC lea.crandall@dep.state.fl.us



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTH DISTRICT
P.O. BOX 2549
FORT MYERS, FL 33902-2549
SouthDistrict@dep.state.fl.us

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT)
OF ENVIRONMENTAL PROTECTION)
v.)
UTILITIES, INC. OF SANDALHAVEN)
(Sandalhaven WWTP))

IN THE OFFICE OF THE
SOUTH DISTRICT

OGC FILE NO. 14-0536-08-DW

CONSENT ORDER

This Consent Order (“Order”) is entered into between the State of Florida Department of Environmental Protection (“Department”) and Utilities, Inc. of Sandalhaven (“Respondent”) to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida’s air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes (“F.S.”), and the rules promulgated and authorized in Title 62, Florida Administrative Code (“F.A.C.”). The Department has jurisdiction over the matters addressed in this Order.
2. Respondent is a person within the meaning of Section 403.031(5), F.S.
3. Respondent is the owner and is responsible for the operation of the Sandalhaven WWTP, a 0.045 MGD domestic wastewater treatment plant with a rapid rate land application system (“Facility”). The Facility is operated under Wastewater Permit No. FLA014053 (“Permit”), which was issued on February 15, 2012, and will

expire on February 14, 2017. The Facility is located at 6811 Placida Road, in Charlotte County, Florida ("Property"). Respondent owns the Property on which the Facility is located.

4. The Department finds that the following violation(s) occurred:

Improper release of wastewater from land application system as prohibited by F.A.C. Rule 62-610.320(1).

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. To prevent potential impacts on neighboring properties, Respondent shall follow the protocol described in the monitoring plan submitted to and approved by the Department on September 9, 2014. This Order incorporates the monitoring plan by reference and compliance with the monitoring plan is a specific requirement of this Order.
6. On or before December 1, 2014, Respondents shall submit a permit application, along with the appropriate permit fee, to the Department to construct a wastewater collection/transmission system to divert flow from the Facility to a regional wastewater collection/transmission system. The application shall be prepared and sealed by a professional engineer registered in the State of Florida and shall be submitted to the attention of Gary Maier, PE Supervisor III, Department of Environmental Protection, South District, P.O. Box 2549, Fort Myers, FL 33902-2549.

7. On or before August 1, 2015, Respondent shall submit a written plan for the inactivation or abandonment of the Facility in accordance with F.A.C. Rule 62-600.410(7). This abandonment plan shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. Respondent shall complete the abandonment of the Facility as described in the written abandonment plan within 60 days following the completion of the collection/transmission system diversion.
8. On or before October 1, 2015, Respondents shall complete construction of the collection/transmission system diversion, submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, stating that modifications to the collection system have been constructed in accordance with the provisions of the Permit, and place the collection/transmission system diversion into operation.
9. Every quarter after the effective date of this Order and continuing until all corrective actions have been completed, Respondent shall submit to the Department a written report containing information about the status and progress of projects being completed under this Order, information about compliance or noncompliance with the applicable requirements of this Order, including construction requirements and effluent limitations, and any reasons for noncompliance. These reports shall also include a projection of the work Respondent will perform pursuant to this Order during the 12-month period which will follow the report. Respondent shall submit the reports to the Department within 30 days of the end of each quarter.

10. Notwithstanding the time periods described in the paragraphs above, Respondent shall complete all corrective actions required by paragraphs 5 through 9 on or before October 1, 2015 and be in full compliance with F.A.C. Rules 62-610.320(1) and 62-600.410(6) regardless of any intervening events or alternative time frames imposed in this Order.
11. On or before April 1, 2015, Respondent shall submit a written estimate of the total cost of the corrective actions required by this Order to the Department. The written estimate shall identify the information the Respondent relied upon to provide the estimate.
12. Respondent agrees to pay the Department stipulated penalties in the amount of \$100 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph(s) 5 through 10 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 13, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.
13. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Ecosystem Management and Restoration Trust Fund." Online payments can be made by going to the DEP Business Portal at: <http://www.fldepportal.com/go/pay/>

14. Except as otherwise provided, all submittals and payments required by this Order shall be sent to Diane Loughlin, Environmental Specialist II, Department of Environmental Protection, South District, P.O. Box 2549, Fort Myers, FL 33902-2549.
15. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.
16. In the event of a sale or conveyance of the Facility or of the Property upon which the Facility is located, if all of the requirements of this Order have not been fully satisfied, Respondent shall, at least 30 days prior to the sale or conveyance of the Facility or Property, (a) notify the Department of such sale or conveyance, (b) provide the name and address of the purchaser, operator, or person(s) in control of the Facility, and (c) provide a copy of this Order with all attachments to the purchaser, operator, or person(s) in control of the Facility. The sale or conveyance of the Facility or the Property does not relieve Respondent of the obligations imposed in this Order.
17. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the

failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

18. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver

is conditioned upon Respondent's complete compliance with all of the terms of this Order.

19. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.
20. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.
21. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to \$10,000.00 per day per violation, and criminal penalties.
22. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.
23. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

24. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.
25. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

- a) The OGC Number assigned to this Consent Order;
- b) The name, address, and telephone number of each 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;
- c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;
- d) A statement of when and how the petitioner received notice of the Consent Order;

- e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;
- f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;
- g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and
- h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at the Department of Environmental Protection, South District, P.O. Box 2549, Fort Myers, FL 33902-2549. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

[This portion intentionally left blank.]

30. Rules referenced in this Order are available at

<http://www.dep.state.fl.us/legal/Rules/rulelist.htm>

FOR THE RESPONDENT:




John Hoy
President

10/9/14

Date

DONE AND ORDERED this 8th day of October, 2014, in
Lee County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon Iglehart
District Director
South District

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



Clerk

10-8-2014

Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35



**Utilities, Inc. of Sandalhaven
Perc Pond Monitoring Plan
Permit No. FLA014053**

DAILY:

1. Complete a visual inspection of the pond and plant perimeter, excluding the wooded areas abutting Amberjack Slough Park property on the south side of the Sandalhaven Plant site, by walking along the inside of the perimeter fence.
2. Identify from a visual inspection whether there is water present in the swale along the plant entrance driveway and adjacent to Pond 4.
3. Identify whether the area at the end of the plant entrance driveway near the fence gate is soft and muddy.
4. Identify whether the toe of the berms adjacent to Fiddlers Green parking lot areas contains standing water.
5. Identify locations where standing water is present at the surface at any of these locations more than 48 hours after a recorded rainfall event.
6. Record rainfall amounts as measured at a precipitation station located at the Sandalhaven Plant.
7. Record water level in each pond using staff gauges.
8. Record the depth to water level in each of the five piezometers.

WEEKLY:

1. Rotate the use of each percolation pond in order to minimize groundwater mounding below the ponds.
2. In the event that non-rainfall related water accumulates in the toe of the berms adjacent to the Fiddlers Green parking lot, maximize the diversion of wastewater flow to Englewood Water District through the existing Placida Road force main.
3. Notify the Department by electronic submission in the event that there are visible signs of non-rainfall related surface water accumulating in the vicinity of the berms.

MONTHLY:

1. Compile daily log sheet and weekly reports.
2. Submit daily log sheets and weekly reports to FDEP by the 28th day of the following month as attachments to the monthly Sandalhaven Plant Discharge Monitoring Report.

SANDALHAVEN WWTP PERC POND MONITORING PLAN
 PERMIT NO. FLA014053

MONTH/YEAR: _____

DAILY TASKS:

- 1) Inspect plant perimeter outside the fence line for standing water
- 2) Inspect swale adjacent to plant driveway; swale south of Pond 4, swale at plant fence gate. Note if ground is saturated.

DAY	TIME	INITIALS	1) OBSERVATIONS	2) OBSERVATIONS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

TOTAL

Notes: _____

THERE IS NO REQUIREMENT TO INSPECT THE AREA TO THE SOUTH OF PONDS 1 & 2 OUTSIDE THE FENCE LINE

SANDALHAVEN WWTF PERC POND MONITORING PLAN
 PERMIT NO. FLA014053

MONTH/YEAR: _____

DAILY TASKS:

- 1) Note the residual chlorine in the effluent (mg/L)
- 2) Note the effluent turbidity at that time (NTU's)
- 3) Note the water level in each pond (feet)
- 4) Identify which pond or ponds are receiving effluent.

DAY	TIME	INITIALS	CHLORINE	TURBIDITY	POND 1	POND 2	POND 3	POND 4	POND/S in USE
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Notes: _____

SANDALHAVEN WWTF PERC POND MONITORING PLAN

PERMIT NO. FLA014053

MONTH/YEAR: _____

DAILY TASKS:

- 1) Note the depth of water level from top of casing (+/- 0.1 feet)
- 2) Record rainfall.

DAY	TIME	INITIALS	RAINFALL	PZ-1	PZ-2	PZ-3	PZ-4	PZ-5	COMMENT
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Notes: _____



LEGEND:

PZ-x APPROXIMATE LOCATION OF PIEZOMETER

AB-x APPROXIMATE LOCATION OF AUGER BORING



**Andreyev
Engineering,
Inc.**

HYDROGEOLOGIC INVESTIGATION
SANDALHAVEN WWTP
6811 PLACODA ROAD
ENGLEWOOD, CHARLOTTE COUNTY, FL

APPROXIMATE SCALE:

1"=80'

DATE: 09/25/12

ENGINEER: E

PN: APGW-12-0070

PIEZOMETER LOCATION MAP

RESPONSE #5

State of Florida
Department of Environmental Protection

ISSUED: 4/20/2015

LICENSE NO.: 0020429

THE CLASS C WASTEWATER TREATMENT PLANT OPERATOR NAMED BELOW IS
LICENSED UNDER THE PROVISIONS OF CHAPTER 403, FLORIDA STATUTES.

VALID UNTIL: 4/30/2017

GLENN ROBERT BRUCE

RICK SCOTT

JONATHAN P. STEVERSON

GOVERNOR

DISPLAY IS REQUIRED BY LAW

SECRETARY

RESPONSE #6

Schedule of Wastewater Rate Base

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Test Year Ended: December 31, 2014
 Interim [] Final [X]
 Historic [X] Projected []

Schedule: A-2 (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of average rate base for the test year, showing all adjustments. All non-used and useful items should be reported as Plant Held For Future Use. If method other than formula approach (1/8 O&M) is used to determine working capital, provide additional schedule showing detail calculation.

Line No.	(1) Description	(2) Simple Average Per Books	(3) A-3 Utility Adjustments	(4) Adjusted Utility Balance	(5) Supporting Schedule(s)
1	Utility Plant in Service	\$ 8,571,371	\$ (181,463) (A)	\$ 8,389,908	A-3, A-6
2	Utility Land & Land Rights	157,487	209	157,696	A-6
3	Less: Non-Used & Useful Plant		(73,089) (B)	(73,089)	A-7
4	Construction Work in Progress	134,200	(134,200) (C)	-	A-3
5	Less: Accumulated Depreciation	(3,712,738)	773,864 (D)	(2,938,874)	A-3, A-10
6	Less: CIAC	(3,276,640)	1,310,499 (E)	(1,966,141)	A-3, A-12
7	Accumulated Amortization of CIAC	1,595,021	(1,071,361) (F)	523,660	A-3, A-14
8	Acquisition Adjustments	-			-
9	Accum. Amort. of Acq. Adjustments	-			-
10	Advances For Construction	-			A-16
11	Working Capital Allowance		87,257 (G)	87,257	A-3, A-17
12	Deferred Taxes		540,800 (H)	540,800	
13	Total Rate Base	\$ 3,468,701	\$ 1,252,515	\$ 4,721,216	

Schedule of Adjustments to Rate Base

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Test Year Ended: December 31, 2014
 Docket No.: 150102-SU
 Interim Final
 Historic Projected

Schedule: A-3 (Revised)
 Page 2 of 2

Preparer: Christie Kincaid

Explanation: Provide a detailed description of all adjustments to rate base per books, with a total for each rate base line item.

Line No.	Description	Water	Wastewater
1	(3)Accumulated depreciation related to pro forma plant retirements		
2	354.4 Structure & Improvement		350,998
3	355.4 Power Generation Equipment Treatment Plant		79
4	375.6 Reuse Transmission & Distribution System		403
5	380.4 Treatment & Disposal Equipment		433,289
6	380.5 Treatment & Disposal Equipment Reuse Treatment Plant		379
7	381.4 Plant Sewers		2,105
8			
9	(4) Accumulated depreciation related to pro forma plant additions		
10	355.2 Power Generation Equipment		(5,750)
11	360.2 Force Mains		(5,441)
12	370.3 Receiving Wells		(11,224)
13	371.3 Pumping Equipment		(4,487)
14	(6) Accumulated depreciation related to relocation of existing sewer		
15	360.2 Force Mains		(6,660)
16			<u>753,692</u>
17	Total Pro Forma Adjustments		
18	Total Adjustments to Accumulated Depreciation		<u>\$ 773,864</u>
19			
20	(E) Contribution in Aid of Construction		
21	(1)To reclass Plant Capacity Fees from Tap Fees		
22	(a) Plant Capacity Fees		(974,922)
23	(b) Sewer Tap Fees		974,922
24	Total Reclassification of CIAC		-
25			
26	(2)To retire CIAC related to the decommissioning of WWTP		
27	(a) Structure - Treatment Plant		628,734
28	(b) Lagoons		185
29	(c)Treatment Equipment		62,927
30	(d) Tap Fees		618,653
31			
32	Total Adjustment to CIAC		<u>1,310,499</u>
33			
34	(F) Accumulated Amortization of CIAC		
35	(1)To reclass Plant Capacity Fees from Tap Fees		
36	(a) Plant Capacity Fees		190,402
37	(b) Sewer Tap Fees		(190,402)
38	Total Reclassification of CIAC		-
39			
40	To retire CIAC related to the decommissioning of WWTP		
41	(1) Organization		5,996
42	(2) Structure - Treatment Plant		(869,345)
43	(3) Lagoons		(103)
44	(4)Treatment Equipment		(40,230)
45	(5) Tap Fees		(167,679)
46	Total Adjustment to Accumulated CIAC Amortization		<u>(1,071,361)</u>
47			
48	(G) Working Capital per Schedule A-17		<u>\$ 87,257</u>
49			
50	(H) Adjustment to include net debit deferred taxes in rate base		<u>\$ 540,800</u>

Schedule of Wastewater Net Operating Income

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim [] Final [X]
 Historic [X] or Projected []

Schedule: B-2 (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of net operating income for the test year. If amortization (Line 4) is related to any amount other than an acquisition adjustment, submit an additional schedule showing a description and calculation of charge.

Line No.	(1) Description	(2) Test Year Per Books	(3) Utility Test Year Adjustments	(4) Utility Adjusted Test Year	(5) Requested Revenue Adjustment	(6) Requested Annual Revenues	(7) Supporting Schedule(s)
1	OPERATING REVENUES	\$ 668,757	\$ 12,479 (A)	\$ 681,236	\$ 939,514 (G)	\$ 1,620,750	B-4, B-3
2	Operation & Maintenance	581,100	116,957 (B)	698,057		698,057	B-6, B-3
3	Depreciation, net of CIAC Amort.	264,739	(71,698) (C)	193,041	-	193,041	B-14, B-3
4	Amortization		10,412 (D)	10,412	-	10,412	
5	Taxes Other Than Income	113,952	14,734 (E)	128,687	42,278 (H)	170,964	B-15, B-3
6	Provision for Income Taxes	(118,083)	(72,575) (F)	(190,658)	337,630 (I)	146,972	C-1, B-3
7	OPERATING EXPENSES	841,708	(2,170)	839,538	379,908	1,219,446	
8	NET OPERATING INCOME	\$ (172,951)	\$ 14,648	\$ (158,303)	\$ 559,606	\$ 401,303	
9	RATE BASE, Average	\$ 3,468,701		\$ 4,721,216		\$ 4,721,216	
10	RATE OF RETURN	(4.99) %		(3.35) %		8.50 %	

Interim [] Final [X]
 Historic [X] or Projected []

Preparer: Christie Kincaid

Explanation: Provide a detailed description of all adjustments to operating income per books, with a total for each line item shown on the net operating income statement.

Line No.	Description	Water	Wastewater
1	<u>(3) Adjust depreciation expense related to Pro Forma additions and retirements</u>		
2	(a) Retire plant as a result of the decommissioning and abandonment of the WWTP in conformance with DEP Consent Order.		
3	354 Structures and Improvement	\$	(19,588)
4	355.4 Power Generation Equipment Treatment Plant		(9)
5	375.6 Reuse Transmission & Distribution System		(72)
6	380.4 Treatment & Disposal Equipment		(22,635)
7	380.5 Treatment & Disposal Equipment Reuse Treatment Plant		(62)
8	381.4 Plant Sewers		(810)
9	(b) Divert influent flow from the WWTP so that the treatment plant can be decommissioned and removed from service per DEP Consent Order - Annual Depreciation		
10	355.2 Power Generation Equipment		5,750
11	360.2 Force Mains		5,441
12	370.3 Receiving Wells		11,224
13	371.3 Pumping Equipment		4,487
14	(c) Engineering services, permitting and construction cost for relocation of existing sewer due to Charlotte County road, sidewalk and stormwater system improvements in the Placida Road right-of-way - Annual Depreciation		
15	360.2 Force Mains		6,660
16	Pro Forma Adjustment to Depreciation Expense	\$	(9,615)
17	<u>(d) Adjust CIAC Amortization related to the decommissioning of WWTP</u>		
18	(1) Structure - Treatment Plant		19,699
19	(2) Lagoons		10
20	(3) Treatment Equipment		3,496
21	(4) Tap Fees		1,869
22			25,074
23			
24	Total Adjustment to Depreciation Expense	\$	(71,698)
25	<u>(D) Amortization</u>		
26	Proforma adjustments to amortize Net Loss related to decommissioning of the WWTP		10,412
27	<u>(E) Taxes Other Than Income</u>		
28	1. Adjust WSC & Regional Expense Allocations		
29	Payroll Taxes		4,897
30	Real Estate Tax		(3)
31	Total Allocation Adjustments to TOTI	\$	4,894
32			
33	3. Adjust Property Taxes for non-used & useful		(1,264)
34			
35	4. Regulatory Assessment Fees		
36	(a) Reverse prior period RAF booked in 2014		(14,377)
37	Reverse year end adjustment		10,958
38	Adjust for 7/1/2014 - 12/31/2014 booked in 2015		13,961
39	TY RAF Adjustment		10,542
40	(b) Adjust for annualized revenues per Adjust (A) above		562
41	Total adjustment to Taxes Other Than Income	\$	14,734
42	<u>(F) Provision for Income Taxes</u>		
43	Adjust TY Provision for Income Tax expense	\$	(72,575)
44	<u>(G) Revenue Increase</u>		
45	Increase in revenue required by the Utility to realize a		
46	8.50 % rate of return	\$	939,514
47	<u>(H) Taxes Other Than Income</u>		
48	Regulatory Assessment Fees (RAFs)		
49	Adjust for requested revenue increase	\$	42,278
50	<u>(I) Provision for Income Taxes</u>		
51	Total Income Taxes	\$	337,630

Taxes Other Than Income (Final Rates)

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Historic [X] or Projected []

Schedule: B-15 (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid
 Recap Schedules: B-1, B-2

Explanation: Complete the following schedule of all taxes other than income. For all allocations, provide description of allocation and calculations.

(1)	(2)	(3)	(4)	(5)	(6)	
No.	Line Description	Regulatory Assessment Fees (RAFs)	Payroll Taxes	Real Estate & Personal Property	Other	Total
WATER						
1	Test Year Per Books					
2						
3	Adjustments to Test Year (Explain)					
4	Increase in tangible tax per B-3					-
5	Payroll Tax for added employees		-			-
6	RAFs assoc. with annualized revenue					-
7						
8						
9	Total Test Year Adjustments	-	-	-	-	-
10						
11	Adjusted Test Year	-	-	-	-	-
12	RAFs Assoc. with Revenue Increase					-
13						
14	Total Balance	\$ -	\$ -	\$ -	\$ -	\$ -
SEWER						
15	Test Year Per Books	\$ 19,552	\$ 6,462	\$ 87,782	\$ 157	\$ 113,952
16						
17	Adjustments to Test Year per B-3 (4) (a)	10,542				10,542
18	Adjust WSC and Regional Expenses		4,897	(3)		4,894
19	Adj. Prop. Tax for non-used & useful			(1,264)		(1,264)
20	RAFs assoc. with annualized revenue	562				562
21						
22						
23	Total Test Year Adjustments	11,104	4,897	(1,267)	-	14,734
24						
25	Adjusted Test Year	30,656	11,359	86,515	157	128,687
26	RAFs Assoc. with Revenue Increase	42,278				42,278
27						
28	Total Balance	\$ 72,934	\$ 11,359	\$ 86,515	\$ 157	\$ 170,964

Reconciliation of Total Income Tax Provision

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim [] Final [X]
 Historic [X] or Projected []

Schedule: C-1 (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide a reconciliation between the total operating income tax provision and the currently payable income taxes on operating income for the test year.

Line No.	Description	Ref.	Total Per Books	Utility Adjustments	Utility Adjusted	Adjusted For Increase	Sewer
1	Current Tax Expense	C-2	\$ (21,007)	\$ (169,651)	\$ (190,658)	\$ 337,630	\$ 146,972
2	Deferred Income Tax Expense	C-5	(97,076)	97,076	(0)	-	(0)
3	ITC Realized This Year	C-8					
4	ITC Amortization	C-8					
5	(3% ITC and IRC 46(f)(2))						
6	Parent Debt Adjustment	C-9	-	-	-	-	-
7	Total Income Tax Expense		\$ (118,083)	\$ (72,575)	\$ (190,658)	\$ 337,630	\$ 146,972

Supporting Schedules: C-2, C-5
 Recap Schedules: B-2

State and Federal Income Tax Calculation - Current

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim Final
 Historic or Projected

Schedule: C-2 (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of state and federal income taxes for the test year. Provide detail on adjustments to income taxes and investment tax credits generated.

Line No.	Total Per Books	Utility Adjustments	Utility Adjusted	Adjusted for Increase	Sewer
1	\$ (172,951)	\$ 14,648	\$ (158,303)	\$ 559,606	\$ 401,304
2	(118,083)	(72,575)	(190,658)	337,630	146,973
3					
4	(291,034)	(57,927)	(348,961)	897,236	548,276
5	146,019	11,893	157,913		157,913
6					
7	(437,053)	(69,820)	(506,874)	897,236	390,363
8					
9	Schedule M Adjustments:				
10	161		161		161
11	47,107	(72,550)	(25,443)	-	(25,443)
12					
13	47,268	(72,550)	(25,282)	-	(25,282)
14					
15	2,718		2,718		2,718
16	302		302		302
17	(386,765)	(142,370)	(529,135)	897,236	368,101
18					
19					
20	(386,765)	(142,370)	(529,135)	897,236	368,101
21	(21,272)	(7,830)	(29,102)	49,348	20,246
22	265		265		265
23					
24	(21,007)	(7,830)	(28,837)	49,348	20,511
25					
26	(386,765)	(134,540)	(521,305)	847,888	326,583
27					
28	0.34	0.34	0.34	0.34	0.34
29	(131,500)	(45,743)	(177,243)	288,282	111,039
30	131,500	(131,500)	-		-
31					
32	-	(177,243)	(177,243)	288,282	111,039
33					
34	Summary:				
35	(21,007)	(7,830)	(28,837)	49,348	20,511
36		15,422	15,422		15,422
37	-	(177,243)	(177,243)	288,282	111,039
38					
39	\$ (21,007)	\$ (169,651)	\$ (190,658)	\$ 337,630	\$ 146,972
40					

Supporting Schedules: B-2,C-3,C-4,C-5
 Recap Schedules: C-1

Schedule of Requested Cost of Capital
Simple Average Balance

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
Docket No.: 150102-SU
Schedule Year Ended: December 31, 2014

Schedule: D-1 (Revised)
Page 1 of 1
Preparer: Darrien Pitts

Historic or Projected

Subsidiary or Consolidated

Explanation: Provide a schedule which calculates the requested Cost of Capital on a beginning and end of year average basis. If a year-end basis is used, submit an additional schedule reflecting year-end calculations.

Line No.		(1) Reconciled To Requested Rate Base	(2) Ratio	(3) Cost Rate	(4) Weighted Cost
1	Long-Term Debt	2,316,006	49.06 %	6.64 %	3.26 %
2	Short-Term Debt	51,467	1.09 %	7.77 %	0.08 %
3	Preferred Stock	-			
4	Customer Deposits	6,591	0.14 %	2.00 %	0.00 %
5	Common Equity	2,346,301	49.70 %	10.37 %	5.16 %
6	Tax Credits - Zero Cost	-			
7	Accumulated Deferred Income Tax	852	0.02 %	0.00 %	%
8	Other (Explain)	-			
9	Total	<u>4,721,216</u>	<u>100.00 %</u>		<u>8.50 %</u>

Note: The cost of equity is based on the leverage formula in effect pursuant to Order No. PSC-11-0287-PAA-WS.
Return on Common Equity = 7.13% + 1.610/Equity Ratio
where Equity ratio = Equity/(Equity + Preferred + Long & Short Term Debt) 49.78 %

Note: Long term debt, short term debt, preferred stock, and common equity are actual for Utilities, Inc. of Sandalhaven's parent company, Utilities, Inc.

Supporting Schedules: B-2
Recap Schedules: A-2

Reconciliation of Capital Structure to Requested Rate Base (Final)
Simple Average Balance

Florida Public Service Commission

Docket No. Company: Utilities, Inc. of Sandalhaven
Docket No.: 150102-SU
Schedule Year Ended: December 31, 2014

Schedule: D-2 (Revised)
Page 1 of 5
Prepared: Darrien Pitts

Historic Projected

Subsidiary or Consolidated

Explanation: Provide a reconciliation of the simple average capital structure to requested rate base. Explain adjustments. Submit an additional schedule if a year-end basis is used.

Line No.	(1) Class of Capital	(2)	(3)	(4)	(5)	(6)	(7)	
		Prior Year 12/31/13	Test Year 12/31/14	Pro Forma Adjustment	Simple Average	Prorate %	Prorate Amount	Reconciled To Requested Rate Base
1	Long-Term Debt	180,000,000	180,000,000		180,000,000	49.13 %	(177,683,994)	2,316,006
2	Short-Term Debt	5,700,000	2,300,000		4,000,000	1.09 %	(3,948,533)	51,467
3	Preferred Stock	-	-		-			
4	Common Equity	177,123,218	187,585,881		182,354,550	49.78 %	(180,008,249)	2,346,301
5	Customer Deposits	8,211	4,971		6,591			6,591
6	Tax Credits - Zero Cost				-			
7	Tax Credits - Wtd. Cost				-			
8	Accum. Deferred Income Tax, Adjusted			852	852			852
9	Other (explain)				-			
10	Total	362,831,429	369,890,852	852	366,361,993	100.00 %	(361,640,776)	4,721,216

Note: Long term debt, short term debt, preferred stock, and common equity are actual for Utilities, Inc. of Sandalhaven's parent company, Utilities, Inc.

Supporting Schedules: A-19, C-7, C-8, D-3, D-4, D-5, D-7
Recap Schedules: D-1

Explanation: Provide a calculation of revenues at present and proposed rates using the billing analysis. Explain any differences between these revenues and booked revenues. If a rate change occurred during the test year, a revenue calculation must be made for each period.

Line No.	(1) Class/Meter Size	(3) Total Billable Gallons (in 000's)		(4) Test Year Rates Effective		(5) Test Year Revenue		(6) Bills		(7) Total Billable Gallons (in 000's)		(8) Test Year Rates Effective		(9) Test Year Revenue		(10) Total Bills	(11) Total Test Year Gallons (in 000's)		(12) Total Test Year Revenue		(13) Present Rates Effective 3.1.2014	(14) Annualized Revenues	(15) Proposed Rates	(16) Revenues at Proposed Rates	
		Jan-Feb 2014	Jan-Feb 2014	12.21.2012	Jan-Feb 2014	Mar-Dec 2014	Jan-Feb 2014	Mar-Dec 2014	Jan-Feb 2014	Mar-Dec 2014	3.1.2014	Mar-Dec 2014	Year Gallons	Total Test Year Revenue	Year Gallons		Total Test Year Revenue								
1	Residential - Base Charge																								
2	5/8"	1,532			\$29.08	\$44,551	7,777			\$29.34	\$228,177	9,309						\$272,728	\$29.34	273,126	\$70.12	\$	652,747		
3	1"	4			\$29.08	\$116	20			\$29.34	\$587	24						\$703	\$29.34	704	\$70.12	\$	1,683		
1	Total Residential Service BFC	1,536				\$44,667	7,797				\$228,764	9,333						\$273,431		\$273,830			\$654,430		
2																									
3	Consumption Charge (per 1,000 Gallons)																								
4	5/8"		4,134		\$6.53	\$26,995	14,881			\$6.59	\$98,066						19,015	\$125,061	\$6.59	125,309	\$15.75	\$299,486			
5	1"		34		\$6.53	\$222	115			\$6.59	\$758						149	\$980	\$6.59	982	\$15.75	\$2,347			
1	Total Residential Service Billable Cons.		4,168			\$27,217	14,996				\$98,824						19,164	\$126,041		126,291			\$301,833		
2																									
3	Total Residential Service Average Residential Bill	1,536	4,168			\$71,884	7,797	14,996			\$327,588	9,333						\$399,472		\$400,121			\$956,263		
4						\$46.80					\$42.01							\$43		\$42.87			\$102.46		
5	General Service - Base Charge																								
6	5/8"	42			\$29.08	\$1,221	210			\$29.34	\$6,161	252						\$7,383	\$29.34	7,394	\$70.12	\$17,670			
7	1"	4			\$72.71	\$291	20			\$73.35	\$1,467	24						\$1,758	\$73.35	1,760	\$175.31	\$4,207			
8	1.5"	8			\$145.41	\$1,163	40			\$146.69	\$5,868	48						\$7,031	\$146.69	7,041	\$350.59	\$16,828			
9	2"	16			\$232.85	\$3,722	80			\$234.71	\$18,777	96						\$22,499	\$234.71	22,532	\$560.96	\$53,852			
10	3"	12			\$465.32	\$5,584	60			\$469.43	\$28,166	72						\$33,750	\$469.43	33,799	\$1,121.94	\$80,780			
11	Restaurant 1"	4			\$72.71	\$291	20			\$73.35	\$1,467	24						\$1,758	\$73.35	1,760	\$175.31	\$4,207			
11	Total General Service Base Facility Charges	86				\$12,273	430				\$61,906	516						\$74,178		74,287			\$177,545		
12																									
13	Consumption Charge (per 1,000 Gallons)																								
14	5/8"		368		\$7.85	\$2,889	1,678			\$7.92	\$13,290						2,046	\$16,179	\$7.92	16,204	\$18.93	\$38,731			
15	1"		11		\$7.85	\$86	114			\$7.92	\$903						125	\$989	\$7.92	990	\$18.93	\$2,366			
16	1.5"		134		\$7.85	\$1,052	596			\$7.92	\$4,720						730	\$5,772	\$7.92	5,782	\$18.93	\$13,819			
17	2"		488		\$7.85	\$3,831	1,855			\$7.92	\$14,692						2,343	\$18,522	\$7.92	18,557	\$18.93	\$44,353			
18	3"		453		\$7.85	\$3,556	1,903			\$7.92	\$15,072						2,356	\$18,628	\$7.92	18,660	\$18.93	\$44,599			
19	Restaurant		178		\$7.85	\$1,397	748			\$7.92	\$5,924	734						\$7,321	\$7.92	7,334	\$18.93	\$17,529			
19	Total General Service Consumption		1,632			\$12,811	6,894				\$54,600						8,526	\$67,412		67,527			\$161,397		
20																									
21	Total General Service Average General Service Bill	86	1,632			\$25,084	430	6,894			\$116,506	516						\$141,590		\$141,814			\$338,942		
22						\$291.67					\$270.94							\$274		\$275			\$656.87		
23	Multi-Residential - Base Charge																								
24	1.5"	2			\$145.41	\$291	10			\$146.69	\$1,467	12						\$1,758	\$146.69	1,760	\$350.59	\$4,207			
25	3"	2			\$465.32	\$931	10			\$469.43	\$4,694	12						\$5,633	\$469.43	5,633	\$1,121.94	\$13,463			
26	6"	4			\$1,454.07	\$5,816	20			\$1,466.94	\$29,339	24						\$35,155	\$1,466.94	35,207	\$3,505.99	\$84,144			
27	Total Multi-Residential Service Base Facility Charges	8				\$7,038	40				\$35,500	48						\$42,538		\$42,600			\$101,814		
28																									
29	Multi-Residential Charge (per 1,000 Gallons)																								
30	1.5"		22		\$7.85	\$173	85			\$7.92	\$673						107	\$846	\$7.92	847	\$18.93	\$2,026			
31	3"		390		\$7.85	\$3,062	1,970			\$7.92	\$15,602						2,360	\$18,664	\$7.92	18,691	\$18.93	\$44,675			
32	6"		1,137		\$7.85	\$8,925	5,229			\$7.92	\$41,414						6,366	\$50,339	\$7.92	50,419	\$18.93	\$120,508			
33	Total Multi-Residential Consumption		1,549			\$12,160	7,284				\$57,689						8,833	\$69,849		\$69,957			\$167,209		
34																									
35	Total Multi-Residential Service Average Multi-Residential Service Bill	8	1,549			\$19,197	40	7,284			\$93,189	48						\$112,387		\$112,557			\$269,023		
36						\$2,399.67					\$2,329.73							\$2,341		\$2,345			\$5,604.64		
37																									
38	Reserved Capacity (per unit) - Flat Charge																								
39	Reserved Capacity (per unit)	146			\$28.42	\$4,149	730			\$28.42	\$20,747	876						\$24,896	\$28.42	\$24,896	\$67.92	\$59,498			
40	Total Reserved Capacity Flat Facility Charges	146				\$4,149	730				\$20,747	876						\$24,896		\$24,896			\$59,498		
41																									
42	Total Reserved Capacity Average Reserved Capacity Bill	146				\$4,149	730				\$20,747	876						\$24,896		\$24,896			\$59,498		
43						\$28.42					\$28.42							\$28		\$28			\$67.92		
44																									
45	Other Miscellaneous Revenues					\$126.00					\$1,722.00							\$1,848		\$1,848			\$1,848		
46	Total Other Revenues					\$126.00					\$1,722.00							\$1,848		\$1,848			\$1,848		
47																									
48																									
49	Total Above Calculation					\$120,440					\$559,752							\$680,192		\$681,236			\$1,625,574		
50																									
51	Total Per Books					\$ 122,136					\$ 546,621							\$ 668,757		\$ 668,757			\$ 1,620,750		
52	Test Year Accrual					(4,381)					2,081							(52,300)		(52,300)			\$ 2,977		
53	Per Books Net of Accrual					\$ 126,517					\$ 544,540							\$ 616,457		\$ 616,457			\$ 1,623,727		
54	Difference					(56,077)					\$15,212							\$9,135		\$9,135			\$ 2,977		
55	Percentage					-4.80%					2.79%							1.36%		1.36%			0.18%		

Schedule of Wastewater Rate Base

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Test Year Ended: December 31, 2014
 Interim [X] Final []
 Historic [X] Projected []

Schedule: A-2 (I) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of average rate base for the test year, showing all adjustments. All non-used and useful items should be reported as Plant Held For Future Use. If method other than formula approach (1/8 O&M) is used to determine working capital, provide additional schedule showing detail calculation.

Line No.	(1) Description	(2) Simple Average Per Books	(3) A-3 Utility Adjustments	(4) Adjusted Utility Balance	(5) Supporting Schedule(s)
1	Utility Plant in Service	\$ 8,571,371	\$ (16,502) (A)	\$ 8,554,869	A-3, A-6
2	Utility Land & Land Rights	157,487	209	157,696	A-6
3	Less: Non-Used & Useful Plant			-	A-7
4	Construction Work in Progress	134,200	(134,200) (B)	-	A-3
5	Less: Accumulated Depreciation	(3,712,738)	20,172 (C)	(3,692,566)	A-3, A-10
6	Less: CIAC	(3,276,640)		(3,276,640)	A-3, A-12
7	Accumulated Amortization of CIAC	1,595,021		1,595,021	A-3, A-14
8	Acquisition Adjustments	-			-
9	Accum. Amort. of Acq. Adjustments	-			-
10	Advances For Construction	-			A-16
11	Working Capital Allowance		73,343 (D)	73,343	A-3, A-17
12	Deferred Taxes		540,800 (E)	540,800	A-3
13	Total Rate Base	\$ 3,468,701	\$ 483,822	\$ 3,952,523	

Company: Utilities, Inc. of Sandalhaven
 Test Year Ended: December 31, 2014
 Docket No.: 150102-SU
 Interim [X] Final []
 Historic [X] Projected []

Schedule: A-3 (I) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide a detailed description of all adjustments to rate base per books, with a total for each rate base line item.

Line No.	Description	Water	Wastewater
1	(A) Utility Plant in Service		
1	(1) 389.1 Reclass Payments to EWD		2,258,119
1	380.4 Treatment & Disposal Equipment		(2,258,119)
1			
1	(2) Restate WSC and Regional Allocations to Plant Accounts		
1	353.7 Land & Land Rights Gen Plant		209
1	354.7 Office Struct & Improvement		(47)
2	390.7 Office Furniture & Equipment		(919)
3	393.7 Tool Shop & Misc Equipment		10
4	396.7 Communication Equipment		(12)
5	398.7 Sewer Plant Allocated		(15,691)
6	391.7 Transportation Equipment		157
7	Total Allocation Adjustments		(16,293)
8			
9	(B) Construction Work in Progress		
10	To remove average construction work in progress from rate base		(134,200)
11			
12	(C) Accumulated Depreciation		
13	(1) Restate WSC and Regional Allocations to Accum Depreciation		
14	354.7 Office Struct & Improvement		2,142
15	390.7 Office Furniture & Equipment		18,155
16	393.7 Tool Shop & Misc Equipment		(10)
17	396.7 Communication Equipment		5
18	391.7 Transportation Equipment		(120)
19	Total Allocation Adjustments to Accumulated Depreciation		20,172
20			
21	(2) 389.1 Adjustment related to Reclass of Payments to EWD		
22	380.4 Treatment & Disposal Equipment		479,854
23	389.1 Other intangible Plant		(479,854)
24			-
25			(126,442)
26	Total Adjustments to Accumulated Depreciation		20,172
27			
28	(D) Working Capital per Schedule A-17	\$	73,343
29			
30	(E) Adjustment to include net debit deferred taxes in rate base	\$	540,800

Schedule of Wastewater Net Operating Income

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim [X] Final []
 Historic [X] or Projected []

Schedule: B-2 (I) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of net operating income for the test year. If amortization (Line 4) is related to any amount other than an acquisition adjustment, submit an additional schedule showing a description and calculation of charge.

Line No.	(1) Description	(2) Test Year Per Books	(3) Utility Test Year Adjustments	(4) Utility Adjusted Test Year	(5) Requested Revenue Adjustment	(6) Requested Annual Revenues	(7) Supporting Schedule(s)
1	OPERATING REVENUES	\$ 668,757	\$ 12,479 (A)	\$ 681,236	\$ 724,156 (F)	\$ 1,405,392	B-4, B-3
2	Operation & Maintenance	581,100	5,646 (B)	586,746		586,746	B-6, B-3
3	Depreciation, net of CIAC Amort.	264,739	(87,157) (C)	177,582	-	177,582	B-14, B-3
4	Amortization				-	-	
5	Taxes Other Than Income	113,952	15,998 (D)	129,950	32,587 (G)	162,537	B-15, B-3
6	Provision for Income Taxes	(118,083)	(11,845) (E)	(129,928)	260,238 (H)	130,310	C-1, B-3
7	OPERATING EXPENSES	841,708	(77,358)	764,350	292,825	1,057,175	
8	NET OPERATING INCOME	\$ (172,951)	\$ 89,837	\$ (83,114)	\$ 431,331	\$ 348,217	
9	RATE BASE, Average	\$ 3,468,701		\$ 3,952,523		\$ 3,952,523	
10	RATE OF RETURN	(4.99) %		(2.10) %		8.81 %	

Schedule of Adjustments to Operating Income
 Company: Utilities, Inc. of Sandalhaven
 Schedule Year Ended: December 31, 2014
 Docket No.: 150102-SU

Florida Public Service Commission
 Schedule: B - 3 (I) (Revised)
 Page 1 of 2

Interim [X] Final []
 Historic [X] or Projected []

Preparer: Christie Kincaid

Explanation: Provide a detailed description of all adjustments to operating income per books, with a total for each line item shown on the net operating income statement.

Line No.	Description	Water	Wastewater
1	(A) <u>Operating Revenues</u>		
2	Adjust for annualized revenue at current rates (see E-2(i))		\$12,479
3			
4	Total adjustment to TY Revenue		<u>\$ 12,479</u>
5	(B) <u>(1) Operations & Maintenance (O & M) Expenses</u>		
6	(a) Adjust WSC & Regional Expense Allocations		
7	701 Salaries	\$	(10,131)
8	704 Employee Pensions & Benefits		12,961
9	731 Engineering Fees		1
10	732 Contractual Svc Accounting		(60)
11	733 Contractual Svc Legal		(2)
12	736 Contractual Svc Other		(44)
13	741 Rent		(1)
14	750 Transportation Expense		4,886
15	757 Insurance Gen Liab		(81)
16	759 Insurance Other		(16)
17	760 Advertising		(2)
18	767 Misc Reg. Matters Comm Exp		27
19	770 Bad Debt Expense		(1)
20	775 Miscellaneous Expense		(1,003)
21			
22	(b) 710 Remove accrual and adjust Sewage Treatment Exp to reflect TY actual		(2,686)
23			
24	(g) 775 Annualization of amortization of deferred charges TY additions		1,798
25			
26	Total O & M Expense Adjustment		<u>\$ 5,646</u>
27	(C) <u>Depreciation Expense Adjustments</u>		
28	(1) Restate WSC and Regional Allocations to Depreciation Expense		
29	Franchises	\$	1
30	Office Structure		635
31	Office Furn / Equipment		(23,656)
32	Tool Shop & Misc Equipment		254
33	Communications Equipment		156
34	Transportation Equipment		4,451
35			
36	(2) Adjust Depreciation Expense for reclass from T&D To Intangible Plant		
37	380.4 Treatment & Disposal Equipment		(125,451)
38	389.1 Other Intangible Plant		56,453
39			
40	Test Year Adjustment to Depreciation Expense		<u>\$ (87,157)</u>
41	(D) <u>Taxes Other Than Income</u>		
42	1. <u>Regulatory Assessment Fees</u>		
43	(a) Reverse prior period RAF booked in 2014		(14,377)
44	Reverse year end adjustment		10,958
45	Adjust for 7/1/2014 - 12/31/2014 booked in 2015		13,961
46			
47	TY RAF Adjustment		10,542
48	(b) Adjust for annualized revenues per Adjust (A) above		562
49	2. <u>Adjust WSC & Regional Expense Allocations</u>		
50	Payroll Taxes		4,897
51	Real Estate Tax		(3)
52	Total Allocation Adjustments to TOTI		<u>\$ 4,894</u>
53			
54	Total adjustment to Taxes Other		<u>\$ 15,998</u>

Schedule of Adjustments to Operating Income
 Company: Utilities, Inc. of Sandalhaven
 Schedule Year Ended: December 31, 2014
 Docket No.: 150102-SU
 Interim Final
 Historic or Projected
 Explanation: Provide a detailed description of all adjustments to operating income per books, with a total for each line item shown on the net operating income statement.

Florida Public Service Commission
 Schedule: B - 3 (I) (Revised)
 Page 2 of 2

Preparer: Christie Kincaid

Line No.	Description	Water	Wastewater
1	(E) <u>Provision for Income Taxes</u>		
2	Adjust provision for income tax		\$ (11,845)
3	(F) <u>Revenue Increase</u>		
4	Increase in revenue required by the Utility to realize a		
5	8.50 % rate of return		\$ 724,156
6	(G) <u>Taxes Other Than Income</u>		
7	Regulatory Assessment Fees (RAFs)		
8	Adjust for requested revenue increase		\$ 32,587
9	(H) <u>Provision for Income Taxes</u>		
10	Income Taxes		\$ 260,238

Taxes Other Than Income (Final Rates)

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Historic [X] or Projected []
 Interim [X] Final []

Schedule: B-15 (1) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid
 Recap Schedules: B-1, B-2

Explanation: Complete the following schedule of all taxes other than income. For all allocations, provide description of allocation and calculations.

No.	(1) Line Description	(2) Regulatory Assessment Fees (RAFs)	(3) Payroll Taxes	(4) Real Estate & Personal Property	(5) Other	(6) Total
WATER						
1	Test Year Per Books					
2						
3	Adjustments to Test Year (Explain)					
4	Increase in tangible tax per B-3					-
5	Payroll Tax for added employees		-			-
6	RAFs assoc. with annualized revenue					-
7						
8						
9	Total Test Year Adjustments	-	-	-	-	-
10						
11	Adjusted Test Year	-	-	-	-	-
12	RAFs Assoc. with Revenue Increase					-
13						
14	Total Balance	\$ -	\$ -	\$ -	\$ -	\$ -
SEWER						
15	Test Year Per Books	\$ 19,552	\$ 6,462	\$ 87,782	\$ 157	\$ 113,952
16						
17	Adjustments to Test Year per B-3 (4) (a)	10,542				10,542
18	Allocate WSC and Regional Expenses		4,897	(3)	-	4,894
19	Taxes re adjustments to salaries		-			-
20	RAFs assoc. with annualized revenue	562				562
21						
22						
23	Total Test Year Adjustments	11,104	4,897	(3)	-	15,998
24						
25	Adjusted Test Year	30,656	11,359	87,779	157	129,950
26	RAFs Assoc. with Revenue Increase	32,587	-	-	-	32,587
27						
28	Total Balance	\$ 63,243	\$ 11,359	\$ 87,779	\$ 157	\$ 162,537

Reconciliation of Total Income Tax Provision

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim Final
 Historic or Projected

Schedule: C-1 (I) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide a reconciliation between the total operating income tax provision and the currently payable income taxes on operating income for the test year.

Line No.	Description	Ref.	Total Per Books	Utility Adjustments	Utility Adjusted	Adjusted For Increase	Sewer
1	Current Tax Expense	C-2	\$ (21,007)	\$ (108,921)	\$ (129,928)	\$ 260,237	\$ 130,310
2	Deferred Income Tax Expense	C-5	(97,076)	97,076	0	-	0
3	ITC Realized This Year	C-8					
4	ITC Amortization	C-8					
5	(3% ITC and IRC 46(f)(2))						
6	Parent Debt Adjustment	C-9	-	-	-	-	-
7	Total Income Tax Expense		\$ (118,083)	\$ (11,845)	\$ (129,928)	\$ 260,237	\$ 130,310

Supporting Schedules: C-2, C-5
 Recap Schedules: B-2

State and Federal Income Tax Calculation - Current

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
 Docket No.: 150102-SU
 Schedule Year Ended: December 31, 2014
 Interim Final
 Historic or Projected

Schedule: C-2 (I) (Revised)
 Page 1 of 1
 Preparer: Christie Kincaid

Explanation: Provide the calculation of state and federal income taxes for the test year. Provide detail on adjustments to income taxes and investment tax credits generated.

Line No.	Total Per Books	Utility Adjustments	Utility Adjusted	Adjusted for Increase	Sewer
1	\$ (172,951)	\$ 89,837	\$ (83,114)	\$ 431,331	\$ 348,217
2	(118,083)	(11,845)	(129,928)	260,238	130,310
3					
4	(291,034)	77,992	(213,043)	691,569	478,527
5	146,019	(13,808)	132,211		132,211
6					
7	(437,053)	91,800	(345,254)	691,569	346,316
8					
9	Schedule M Adjustments:				
10	161		161		161
11	47,107	(87,157)	(40,050)	-	(40,050)
12					
13	47,268	(87,157)	(39,889)	-	(39,889)
14					
15	2,718		2,718		2,718
16	302		302		302
17	(386,765)	4,643	(382,123)	691,569	309,447
18					
19					
20	(386,765)	4,643	(382,123)	691,569	309,447
21	(21,272)	255	(21,017)	38,037	17,020
22	265	(265)	-		-
23					
24	(21,007)	(10)	(21,017)	38,037	17,020
25					
26	(386,765)	4,652	(382,113)	653,532	271,419
27					
28	0.34	0.34	0.34	0.34	0.34
29	(131,500)	1,582	(129,918)	222,201	92,283
30	131,500	(131,500)	-		-
31					
32	-	(129,918)	(129,918)	222,201	92,283
33					
34	Summary:				
35	(21,007)	(10)	(21,017)	38,037	17,020
36		21,007	21,007		21,007
37	-	(129,918)	(129,918)	222,201	92,283
38					
39	\$ (21,007)	\$ (108,921)	\$ (129,928)	\$ 260,238	\$ 130,310
40					

Supporting Schedules: B-2,C-3,C-4,C-5
 Recap Schedules: C-1

Schedule of Requested Cost of Capital
Simple Average Balance

Florida Public Service Commission

Company: Utilities, Inc. of Sandalhaven
Docket No.: 150102-SU
Schedule Year Ended: December 31, 2014
Interim Final
Historic or Projected

Schedule: D-1 (I) (Revised)
Page 1 of 1
Preparer: Darrien Pitts

Subsidiary or Consolidated

Explanation: Provide a schedule which calculates the requested Cost of Capital on a beginning and end of year average basis. If a year-end basis is used, submit an additional schedule reflecting year-end calculations.

Line No.		(1) Reconciled To Requested Rate Base	(2) Ratio	(3) Cost Rate	(4) Weighted Cost
1	Long-Term Debt	1,938,744	49.05 %	6.64 %	3.26 %
2	Short-Term Debt	43,083	1.09 %	7.77 %	0.08 %
3	Preferred Stock	-			
4	Customer Deposits	6,591	0.17 %	2.00 %	0.00 %
5	Common Equity	1,964,105	49.69 %	11.00 %	5.47 %
6	Tax Credits - Zero Cost	-			
7	Accumulated Deferred Income Tax		%	0.00 %	%
8	Other (Explain)	-			
9	Total	<u>3,952,523</u>	<u>100.00 %</u>		<u>8.81 %</u>

Note: The cost of equity is based on the low point for ROE per Order No. PSC-07-0865-PAA-SU dated October 29, 2007

Note: Long term debt, short term debt, preferred stock, and common equity are actual for Utilities, Inc. of Sandalhaven's parent company, Utilities, Inc.

Supporting Schedules: D-2
Recap Schedules: A-2

Reconciliation of Capital Structure to Requested Rate Base (Final)
Simple Average Balance

Florida Public Service Commission

Docket Company: Utilities, Inc. of Sandalhaven

Schedule: D-2 (I) (Revised)

Docket No.: 150102-SU

Page 1 of 1

Schedule Year Ended: December 31, 2014

Preparer: Darrien Pitts

Interim Final

Historic Projected

Subsidiary or Consolidated

Explanation: Provide a reconciliation of the simple average capital structure to requested rate base. Explain all adjustments. Submit an additional schedule if a year-end basis is used.

Line No.	(1) Class of Capital	(2) Prior Year 12/31/13	(3) Test Year 12/31/14	(4) Simple Average	(5) Prorata %	(6) Prorata Amount	(7) Reconciled To Requested Rate Base
1	Long-Term Debt	180,000,000	180,000,000	180,000,000	49.13 %	(178,061,256)	1,938,744
2	Short-Term Debt	5,700,000	2,300,000	4,000,000	1.09 %	(3,956,917)	43,083
3	Preferred Stock	-	-	-			
4	Common Equity	177,123,218	187,585,881	182,354,550	49.78 %	(180,390,445)	1,964,105
5	Customer Deposits	8,211	4,971	6,591			6,591
6	Tax Credits - Zero Cost			-			
7	Tax Credits - Wtd. Cost			-			
8	Accum. Deferred Income Tax, Adjusted			-		-	-
9	Other (explain)			-			
10	Total	362,831,429	369,890,852	366,361,141	100.00 %	(362,408,618)	3,952,523

Note: Long term debt, short term debt, preferred stock, and common equity are actual for Utilities, Inc. of Sandalhaven's parent company, Utilities, Inc.

Supporting Schedules: A-19, C-7, C-8, D-3, D-4, D-5, D-7

Recap Schedules: D-1

Rate Schedule - Sewer

Florida Public Service Service Commission

Company: Sandalhaven Utilities, Inc.
 Docket No.: 150102-SU
 Schedule Year Ended: 12/31/2014
 Water [] or Sewer [X]
 Interim [X] Final []

Schedule: E-1 (I) (Revised)
 Page 1 of 1
 Preparer: Darrien Pitts

Explanation: Provide a schedule of present and proposed rates. State residential sewer cap, if one exists.

Line No	(1) Class/Meter Size	(2)	(3)	(4)
		Test Year Rates Effective 12.21.2012	Present Rates Effective 3.01.2014	Proposed Rates
1	<u>Residential</u>			
2	5/8"	29.08	29.34	60.69
3	1"	29.08	29.34	60.69
4				
5	Gallorage Charge	\$6.53	6.59	13.63
6	(per 1,000 gallons Maximum 8,000 gallons)			
7				
8	<u>General Service</u>			
9	5/8"	\$29.08	29.34	60.69
10	1"	\$72.71	73.35	151.73
11	1-1/2"	\$145.41	146.69	303.44
12	2"	\$232.65	234.71	485.52
13	3"	\$465.32	469.43	971.07
14	4"	\$727.05	733.47	1,517.27
15	6"	\$1,454.07	1,466.94	3,034.53
16	Restaurant 1"	72.71	73.35	151.73
17				
18	Gallorage Charge per 1,000 Gallons	\$7.85	7.92	16.38
19				
20	<u>Multi-Residential</u>			
21	5/8"	\$29.08	29.34	60.69
22	1"	\$72.71	73.35	151.73
23	1-1/2"	\$145.41	146.69	303.44
24	2"	\$232.65	234.71	485.52
25	3"	\$465.32	469.43	971.07
26	4"	\$727.05	733.47	1,517.27
27	6"	\$1,454.07	1,466.94	3,034.53
28				
29	Gallorage Charge per 1,000 Gallons	\$7.85	7.92	16.38
30				
31	Reserved Capacity - Flat Charge, per unit	\$28.42	\$28.42	58.79

Explanation: Provide a calculation of revenues at present and proposed rates using the billing analysis. Explain any differences between these revenues and booked revenues. If a rate change occurred during the test year, a revenue calculation must be made for each period.

Line No.	(1) Class/Meter Size	(2) Bills Jan-Feb 2014	(3) Total Billable Gallons (in 000's) Jan-Feb 2014	(4) Test Year Rates Effective 12-21-2012	(5) Test Year Revenue		(6) Bills Mar-Dec 2014	(7) Test Year Revenue		(8) Bills 3.1.2014	(9) Test Year Revenue		(10) Total Bills	(11) Total Test Year Gallons (in 000's)	(12) Total Test Year Revenue	(13) Present Rates Effective 3.1.2014	(14) Annualized Revenues	(15) Proposed Rates	(16) Revenues at Proposed Rates
					Jan-Feb 2014	Mar-Dec 2014		3.1.2014	Mar-Dec 2014		Mar-Dec 2014	Mar-Dec 2014							
1	Residential - Base Charge																		
2	5/8"	1,532		\$29.08	\$44,551	7,777		\$29.34	\$228,177	9,309				\$272,728	\$29.34	273,126	\$60.69	\$ 564,963	
3	1"		4	\$29.08	\$116	20		\$29.34	\$587	24				\$703	\$29.34	704	\$60.69	\$ 1,457	
5	Total Residential Service BFC	1,536			\$44,667	7,797			\$228,764	9,333				\$273,431		273,830		\$ 566,420	
7	Consumption Charge (per 1,000 Gallons)																		
8	5/8"		4,134	\$6.53	\$26,995			\$6.59	\$98,066			19,015	\$125,061	\$6.59	125,309	\$13.63	\$259,174		
9	1"		34	\$6.53	\$222			\$6.59	\$758			149	\$980	\$6.59	882	\$13.63	\$2,031		
11	Total Residential Service Billable Cons.		4,168		\$27,217				\$98,824			19,164	\$126,041		126,291		\$261,205		
13	Total Residential Service	1,536	4,168		\$71,884	7,797	14,996		\$327,588	9,333				\$399,472		\$400,121		\$827,625	
14	Average Residential Bill				\$46.80				\$42.01					\$43		\$42.87		\$88.68	
15	General Service - Base Charge																		
16	5/8"	42		\$29.08	\$1,221	210		\$29.34	\$6,161	252				\$7,383	\$29.34	7,394	\$60.69	\$15,294	
17	1"	4		\$72.71	\$291	20		\$73.35	\$1,467	24				\$1,758	\$73.35	1,760	\$151.73	\$3,642	
18	1.5"	8		\$145.41	\$1,163	40		\$146.69	\$9,868	48				\$7,031	\$146.69	7,041	\$303.44	\$14,565	
19	2"	16		\$232.65	\$3,722	80		\$234.71	\$18,777	96				\$22,499	\$234.71	22,532	\$485.52	\$46,610	
20	3"	12		\$465.32	\$5,584	60		\$469.43	\$28,166	72				\$33,750	\$469.43	33,799	\$971.07	\$69,917	
4	Restaurant 1"	4		\$72.71	\$291	20		\$73.35	\$1,467	24				\$1,758	\$73.35	1,760	\$151.73	\$ 3,642	
21	Total General Service Base Facility Charges	86			\$12,273	430			\$61,906	516				\$74,178		74,287		\$153,670	
23	Consumption Charge (per 1,000 Gallons)																		
24	5/8"		368	\$7.85	\$2,889		1,678	\$7.92	\$13,290			2,046	\$16,179	\$7.92	16,204	\$16.38	\$33,513		
25	1"		11	\$7.85	\$86		114	\$7.92	\$903			125	\$989	\$7.92	990	\$16.38	\$2,048		
26	1.5"		134	\$7.85	\$1,052		596	\$7.92	\$4,720			730	\$5,772	\$7.92	5,782	\$16.38	\$11,957		
27	2"		488	\$7.85	\$3,831		1,855	\$7.92	\$14,692			2,343	\$18,522	\$7.92	18,557	\$16.38	\$38,378		
28	3"		453	\$7.85	\$3,556		1,903	\$7.92	\$15,072			2,356	\$18,628	\$7.92	18,660	\$16.38	\$38,591		
10	Restaurant 1"		178	\$7.85	\$1,397		748	\$7.92	\$5,924			926	\$7,321	\$7.92	7,334	\$16.38	\$15,168		
29	Total General Service Consumption		1,632		\$12,811		6,894		\$54,600			8,526	\$67,412		67,527		\$139,655		
31	Total General Service	86	1,632		\$25,084	430	6,894		\$116,506	516				\$141,590		\$141,814		\$293,325	
32	Average General Service Bill				\$791.67				\$270.94					\$274		\$275		\$568.46	
33	Multi-Residential - Base Charge																		
34	1.5"	2		\$145.41	\$291	10		\$146.69	\$1,467	12				\$1,758	\$146.69	1,760	\$303.44	\$3,641	
35	3"	2		\$465.32	\$931	10		\$469.43	\$4,694	12				\$5,625	\$469.43	5,633	\$971.07	\$11,653	
36	6"	4		\$1,454.07	\$5,816	20		\$1,466.94	\$29,339	24				\$35,155	\$1,466.94	35,207	\$3,034.53	\$72,829	
37	Total Multi-Residential Service Base Facility Charges	8			\$7,038	40			\$35,500	48				\$42,538		\$42,600		\$88,123	
39	Multi-Residential Charge (per 1,000 Gallons)																		
40	1.5"		22	\$7.85	\$173		85	\$7.92	\$673			107	\$846	\$7.92	847	\$16.38	\$1,753		
41	3"		390	\$7.85	\$3,062		1,970	\$7.92	\$15,602			2,360	\$18,664	\$7.92	18,691	\$16.38	\$38,657		
42	6"		1,137	\$7.85	\$8,925		5,229	\$7.92	\$41,414			6,366	\$50,339	\$7.92	50,419	\$16.38	\$104,275		
43	Total Multi-Residential Consumption		1,549		\$12,160		7,284		\$57,689			8,833	\$69,849		\$69,957		\$144,685		
44	Total Multi-Residential Service	8	1,549		\$19,197	40	7,284		\$93,189	48				\$112,387		\$112,557		\$232,808	
46	Average Multi-Residential Service Bill				\$2,399.67				\$2,329.73					\$2,341		\$2,345		\$4,850.17	
48	Reserved Capacity (per unit) - Flat Charge																		
49	Reserved Capacity (per unit)	146		\$28.42	\$4,149	730		\$28.42	\$20,747	876				\$24,896	\$28.42	\$24,896	\$58.79	\$51,500	
50	Total Reserved Capacity Flat Facility Charges	146			\$4,149	730			\$20,747	876				\$24,896		\$24,896		\$51,500	
51	Total Reserved Capacity	146			\$4,149	730			\$20,747	876				\$24,896		\$24,896		\$51,500	
53	Average Reserved Capacity Bill				\$28.42				\$28.42					\$28		\$28		\$58.79	
55	Other Miscellaneous Revenues				\$126.00				\$1,722.00					\$1,848		\$1,848		\$1,848	
56	Total Other Revenues				\$126.00				\$1,722.00					\$1,848		\$1,848		\$1,848	
59	Total Above Calculation				\$120,440				\$559,752					\$680,192		\$681,236		\$1,407,106	
61	Total Per Books				\$ 122,136				\$ 546,621					\$668,257					
62	Test Year Accrual				(4,381)				2,081					(52,300)					
63	Per Books Net of Accrual				\$ 117,755				\$ 548,702					\$ 615,957			Total Required Revenues	\$ 1,405,392	
64	Difference				(56,077)				\$15,212					\$9,135			Difference	\$ (134)	
65	Percentage				-4.80%				2.79%					1.36%			Percentage Difference	-0.01%	