

State of Florida



Public Service Commission

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

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

DATE: May 7, 2014
TO: Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk
FROM: Daniel Q. Lee, Engineering Specialist IV, Division of Engineering
RE: Docket No. 130212-WS, Application for increase in water/wastewater rates in Polk County by Cypress Lakes Utilities, Inc.

Please incorporate the attached document into the docket file.

RECEIVED-FPSC
14 MAY - 7 PM 4: 03
COMMISSION
CLERK



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

APR 09 2014

See page 4 for instructions.

I. General Information for the Month/Year of: March, 2014

A. Public Water System (PWS) Information **MA**

PWS Name: <u>Cypress Lakes Utilities, Inc.</u>		PWS Identification Number: <u>6535055</u>	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/>			
Number of Service Connections at End of Month: <u>1,251</u>		Total Population Served at End of Month: <u>3,418</u>	
PWS Owner: <u>Utilities Inc., of Florida</u>			
Contact Person: <u>Patrick C. Flynn</u>		Contact Person's Title: <u>Regional Director</u>	
Contact Person's Mailing Address: <u>200 Weathersfield Ave.</u>		City: <u>Altamonte Springs</u>	State: <u>Florida</u> Zip Code: <u>32714</u>
Contact Person's Telephone Number: <u>1-407-869-1919</u>		Contact Person's Fax Number: <u>1-407-869-6961</u>	
Contact Person's E-Mail Address: <u>pcflyn@uiwater.com</u>			

B. Water Treatment Plant Information

Plant Name: <u>Cypress Lakes Utilities, Inc.</u>		Plant Telephone Number: <u>813-355-4800</u>	
Plant Address: <u>10,000 US Highway 98 N.</u>		City: <u>Lakeland</u>	State: <u>Florida</u> Zip Code: <u>33809</u>
Type of Water Treated by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: <u>350,000</u>			
Plant Category (per subsection 62-699.310(4), F.A.C.): <u>V</u>		Plant Class (per subsection 62-699.310(4), F.A.C.): <u>C</u>	
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	<u>Steve Fuller</u>	<u>B</u>	<u>0007519</u>
Other Operators:	<u>Lee Neal</u>	<u>C</u>	<u>0014571</u>
	<u>Keyshawn Ramsod</u>	<u>C</u>	<u>15224</u>
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			ENVIRONMENTAL ENGINEERING

II. Certification by Lead/Chief Operator

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

<u>Steve Fuller</u>	<u>Steve Fuller</u>	<u>B-0007519</u>
Signature and Date	Printed or Typed Name	License Number

REVIEWED

APR 11 2014

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

PWS Identification Number: 6535055				Plant Name: Cypress Lakes Utilities, Inc.										
Daily Data for the Month/Year of: March, 2014														
Means of Achieving Four-Log Virus Inactivation/Removal: *				<input type="checkbox"/> Free Chlorine <input type="checkbox"/> Chlorine Dioxide <input type="checkbox"/> Ozone <input checked="" type="checkbox"/> Combine Chlorine (Choramines)										
Type of Disinfectant Residual Maintained in Distribution System:				<input type="checkbox"/> Free Chlorine <input checked="" type="checkbox"/> Combine Chlorine (Choramines) <input type="checkbox"/> Chlorine Dioxide										
				CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*										
Day of the Month	Days plant staffed or visited by Operator (plws #)	Hours Plant In Operation	Net Quantity of Finished Water Produced, gal	CT Calculations							UV Dose		Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm2	Minimum UV Dose Required, mW-sec/cm2		
1	X	24	257,000		3.3								3.2	
2	X	24	246,000		4.4								3.7	
3	X	24	257,000		5.1								2.6	
4	X	24	232,000		4.9								2.5	
5	X	24	222,000		4.7								2.8	
6	X	24	237,000		2.9								2.5	
7	X	24	174,000		4.5								2.7	
8	X	24	191,000		2.6								2.4	
9	X	24	315,000		2.6								1.8	
10	X	24	252,000		3.6								3.0	
11	X	24	226,000		3.5								2.8	
12	X	24	245,000		5.1								2.6	
13	X	24	225,000		3.8								2.8	
14	X	24	208,000		5.0								2.4	
15	X	24	236,000		3.5								2.6	
16	X	24	236,000		4.3								3.5	
17	X	24	242,000		4.3								2.4	
18	X	24	229,000		4.8								2.8	
19	X	24	236,000		2.9								2.4	
20	X	24	268,000		3.4								2.6	
21	X	24	213,000		2.7								2.8	
22	X	24	189,000		3.2								2.2	
23	X	24	220,000		4.5								2.4	
24	X	24	252,000		4.9								2.6	
25	X	24	185,000		4.4								2.8	
26	X	24	223,000		4.6								2.2	
27	X	24	250,000		4.9								2.6	
28	X	24	196,000		3.4								2.8	
29	X	24	186,000		3.7								2.2	
30	X	24	254,000		3.9								3.7	
31	X	24	214,000		3.7								2.8	
Total			7,116,000											
Average			229,548											
Maximum			315,000											