

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 8, 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 - 8 PM 3: 03
COMMISSION
CLERK

Cypress Lakes Utilities, Inc.
Docket No. 130212-WS
Staff Data Request 3.1 (revised)
List of manual and automatic flushing locations
As of February 12, 2014

2012 Flushing schedule by location

	Location	Date of Installation of AFV's	Date of Meter Installation	Outlet Size (in)	Flow Rate (gpm)	Duration (min/day)	Volume (gpd)	Volume (g/mo)
Non-metered Hydro Guard automatic flushing valves								
4	2347 Snowy Plover Drive in the rear	06/10/10	None	1.00	35	240	8,400	256,200
5	2376 Peavine Circle in the rear	06/10/10	None	1.00	35	480	16,800	512,400
6	1782 Big Cypress Blvd. at Lift Station #4	06/10/10	None	2.00	130	30	3,900	118,950
16	Big Cypress Blvd. at bridge near Lift Station #6	11/23/13	None	2.00	130	60	7,800	237,900
Manual, unmetered flush points								
3	Maidencane Court cul-de-sac	Before 2010	None	2.00	130	24	3,120	95,160
2	2546 Redbird Lane	Before 2010	None	2.00	130	15	1,950	59,475
1	Hydrant @ 2317 Mulligan Dr.	Before 2010	None	2.50	250	5	1,250	38,125
13	Hydrant @ Peavine Trail	Before 2010	None	2.50	250	5	1,250	38,125
10	Purple Martin Dr. cul-de-sac	10/15/12	None	0.75	30	30	900	27,450
9	2302 Putt Lane	10/15/12	None	2.00	30	10	300	9,150
11	Sand Crane Trail cul-de-sac	09/12/13	None	2.00	130	15	1,950	59,475
12	Spike Rush Ct. cul-de-sac	09/13/13	None	2.00	130	15	1,950	59,475
14	Peavine Trail service line at empty lot	10/15/13	None	0.75	30	15	450	13,725
15	Ultra Drive cul-de-sac	11/06/13	None	2.00	130	15	1,950	59,475
17	Sunbird Ct. cul-de-sac	12/06/13	None	2.00	130	15	1,950	59,475
Metered automatic flushing valves using timers								
7	Spatterdock Ct. cul-de-sac	06/20/12	None	0.75	30	360	10,800	329,400
8	Moorhen Dr. cul-de-sac	06/20/12	None	0.75	30	24	720	21,960
							1,995,920	

2013 Flushing schedule by location

	Location	Date of Installation of AFV's	Date of Meter Installation	Outlet Size (in)	Flow Rate (gpm)	Duration (min/day)	Volume (gpd)	Volume (g/mo)
Manual, unmetered flush points								
1	2317 Mulligan Dr.	Before 2010	N/A	2	130	5	650	19,825
2	2546 Redbird Lane	Before 2010	N/A	2	130	5	650	19,825
3	Maidencane Court cul-de-sac	Before 2010	N/A	2	130	5	650	19,825
Non-metered Hydro Guard automatic flushing valves								
4	2347 Snowy Plover Drive in the rear	06/10/10	In 2014	1	130	180	23,400	713,700
5	2376 Peavine Circle in the rear	06/10/10	In 2014	1	130	600	78,000	2,379,000
6	1782 Big Cypress Blvd. at Lift Station #4	06/10/10	In 2014	2	130	80	10,400	317,200
Metered automatic flushing valves using timers								
7	Spatterdock Ct. cul-de-sac	06/20/12	10/15/13	0.75	30	450	13,500	411,750
8	Moorhen Dr. cul-de-sac	06/20/12	10/15/13	0.75	30	45	1,350	41,175
9	2302 Putt Lane	10/15/12	10/15/13	0.75	30	20	600	18,300
10	Purple Martin Dr. cul-de-sac	10/15/12	10/15/13	0.75	30	45	1,350	41,175
11	Sand Crane Trail cul-de-sac	09/12/13	09/12/13	0.75	30	15	450	13,725
12	Spike Rush Ct. cul-de-sac	09/13/13	09/13/13	0.75	30	90	2,700	82,350
13	2324 Little Cypress Drive in the rear	10/15/13	10/15/13	0.75	30	60	1,800	54,900
14	Moorhen Ct. cul-de-sac	10/15/13	10/15/13	0.75	30	40	1,200	36,600
15	Ultra Drive cul-de-sac	11/06/13	11/06/13	0.75	30	5	150	4,575
16	Big Cypress Blvd. at bridge near Lift Station #6	11/23/13	11/23/13	0.75	30	20	600	18,300
17	Sunbird Ct. cul-de-sac	12/06/13	12/06/13	0.75	30	5	150	4,575
							4,196,800	