

Sunshine Utilities

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RECEIVED-FPSC

12 MAR 26 AM 8:30

COMMISSION
CLERK

March 19, 2012

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0870

RE: Docket No. 100048-WU, F-1(Revised-Revised) Working Papers

Please find the working papers for schedule F-1(Revised-Revised) .

If you have any question please contact me at SunshineUtl@aol.com or (352)347-8228.

Thank you



Dewaine Christmas
Sunshine Utilities
Manager

DOCUMENT NUMBER-DATE

01752 MAR 26 2012

FPSC-COMMISSION CLERK

Gallons of Water Pumped, Sold and Unaccounted For
In Thousands of Gallons

Florida Public Service Commission

Company: Sunshine Utilities of Central Florida, Inc.
Docket No.: 100048-WU - Marion County Other
Test Year Ended: December 31, 2010
Water [X] or Wastewater []
Historic [X] or Projected []

Schedule F-1 (Revised-Revised)
Page 1 of 1
Preparer: John Q. Adams II

Explanation: Provide a schedule of gallons of water pumped, sold and unaccounted for each month of the test year. The gallons pumped should match the flows shown on the monthly operating reports sent to DEP. The other uses may include plant use, flushing of hydrants and water and wastewater lines, line breakages and fire flows. Provide all calculations to substantiate the other uses. If unaccounted for water is greater than 10%, provide an explanation as to the reasons why; if less than 10%, Columns 4 & 5 may be omitted.

Month/ Year	(1) Total Gallons Pumped	(2) Gallons Purchased	(3) Gallons Sold	(4) Other Uses	(5) Unaccounted For Water (1)+(2)-(3)-(4)	(6) % Unaccounted For Water
Jan	21,156,480	-	17,037,076	1,834,212	2,285,192	10.80%
Feb	20,079,740	-	16,383,580	1,789,123	1,907,037	9.50%
Mar	18,212,080	-	14,364,471	1,917,892	1,929,717	10.60%
Apr	22,584,710	-	20,249,136	1,848,311	487,263	2.16%
May	24,856,050	-	21,016,383	1,979,538	1,860,129	7.48%
Jun	26,128,720	-	22,922,089	1,794,565	1,412,066	5.40%
Jul	24,172,390	-	19,798,254	1,873,458	2,500,678	10.35%
Aug	25,227,415	-	21,880,927	1,879,168	1,467,320	5.82%
Sep	23,245,430	-	19,174,330	1,893,652	2,177,448	9.37%
Oct	22,571,940	-	20,433,801	1,986,357	151,782	0.67%
Nov	23,541,490	-	19,230,653	1,863,187	2,447,650	10.40%
Dec	22,605,400	-	17,499,292	1,762,891	3,343,217	14.79%
Total	274,381,845	-	229,989,992	22,422,354	21,969,499	8.01%

Explanation:

Due to broken main lines and flushing. Ocklawaha and Oakhaven account for most of this due to sulfur wells which require more flushing.

DOCUMENT NUMBER DATE

01752 MAR 26 02

FPSC-COMMISSION CLERK

MARION COUNTY OTHER 2010**LOST GALLONS****FLUSH POINTS****OCKLAWAHA**

Flush Point #1 - ball park	2in	1 hour every week	257,400	
Flush Point #2 - Hwy 464	2in	1 hour every week	257,400	
Flush Point #3 - Sanctuary	2in	1 hour every week	257,400	2,842,320
Flush point #4 - Hwy 464C	2in	1 hour every week	257,400	
Flush Point #5 - SE 135th Ave	2in	1 hour every week	257,400	
Flush Point #6 - SE 130th Ct	2in	1 hour every week	257,400	
Flush Point #7 - CR-25 North	4in	1 hour every week	648,960	
Flush Point #8 - CR-25 South	4in	1 hour every week	648,960	

OAKHAVEN

Flush Point #1 - Old Gainesville Rd	4in	1 hour every week	648,960	
Flush Point #2 - NW 42nd St	2in	1 hour every week	257,400	1,812,720
Flush Point #3 - Nw 21st Ave	2in	1 hour every week	257,400	
Flush Point #4 - Old Gainesville Rd - South	4in	1 hour every week	648,960	

WHISPERING SANDS

Flush Point #1 - SE 50th Ct	2in	1 hour every week	257,400	
Flush Point #2 - SE 32nd St	2in	1 hour every week	257,400	1,421,160
Flush Point #3 - SE 52nd Ave	2in	1 hour every week	257,400	
Flush Point #4 - SE - 31st St	4in	1 hour every week	648,960	

Sunray

Flush Point #1 - NE 32nd St	2in	1 hour every week	257,400	
Flush Point #2 - NE 32nd Terr	2in	1 hour every week	257,400	
Flush Point #3 - NE 39th Pl	2in	1 hour every week	257,400	
Flush Point #4 - NE 29 Ct	2in	1 hour every week	257,400	2,193,360

Flush point #5 - NE 23rd Ave	2in	1 hour every week	257,400	
Flush Point #6 - NE 35th Ave	2in	1 hour every week	257,400	
Flush Point #7 - NE 17th Ave	4in	1 hour every week	648,960	

OCALA HEIGHTS

Flush Point #1 - Ft King Pl	2in	1 hour every week	257,400	
Flush Point #2 - SE 68th Ct	2in	1 hour every week	257,400	1,029,600
Flush Point #3 - NE 71st terr	2in	1 hour every week	257,400	
Flush Point #4 - NE 62nd Terr	2in	1 hour every week	257,400	

BELLEVIEW OAKS

Flush Point #1 - SE 74th Terr	2in	1 hour every week	257,400	
Flush Point #2 - SE 74th Ave	2in	1 hour every week	257,400	1,029,600
Flush point #3 - C-25A	2in	1 hour every week	257,400	
Flush Point #4 - SE 114th Ln	2in	1 hour every week	257,400	

ASHLEY HEIGHTS	2in	1 hour every month	4,950	
BERKS	2in	1 hour every month	4,950	
COUNTRY WALK	2in	1 hour every month	4,950	
ELEVEN OAKS	2in	1 hour every month	4,950	59,400
EMIL-MAR	2in	1 hour every month	4,950	
FLORIDA HEIGHTS	2in	1 hour every month	4,950	
FLOYD CLARK	2in	1 hour every month	4,950	
HILLTOP	2in	1 hour every month	4,950	
LITTLE LAKE WEIR	2in	1 hour every month	4,950	
OAKHURST	2in	1 hour every month	4,950	
SUNLIGHT ACRES	2in	1 hour every month	4,950	
SUN RESORTS	2in	1 hour every month	4,950	

TOTAL GALLONS FLUSHED

10,388,160

146 Leaks and Broken Lines in 37 Subdivisions in 2010 - Approximate Loss is 12,034,194 gallons

Flushed Amounts	10,388,160
Leaks and Broken Lines	12,034,194
Total Lost Gallons	22,422,354

Gallons of Water Pumped, Sold and Unaccounted For
In Thousands of Gallons

Florida Public Service Commission

Company: Sunshine Utilities of Central Florida, Inc.
Docket No.: 100048-WU - Sandy Acres
Test Year Ended: December 31, 2010
Water [X] or Wastewater []
Historic [X] or Projected []

Schedule F-1 (Revised-Revised)
Page 1 of 1
Preparer: John Q. Adams II

Explanation: Provide a schedule of gallons of water pumped, sold and unaccounted for each month of the test year. The gallons pumped should match the flows shown on the monthly operating reports sent to DEP. The other uses may include plant use, flushing of hydrants and water and wastewater lines, line breakages and fire flows. Provide all calculations to substantiate the other uses. If unaccounted for water is greater than 10%, provide an explanation as to the reasons why; if less than 10%, Columns 4 & 5 may be omitted.

Month/ Year	(1) Total Gallons Pumped	(2) Gallons Purchased	(3) Gallons Sold	(4) Other Uses	(5) Unaccounted For Water (1)+(2)-(3)-(4)	(6) % Unaccounted For Water
Jan	2,978,600	-	1,110,686	1,273,157	594,757	19.97%
Feb	2,281,000	-	1,346,681	780,724	153,595	6.73%
Mar	2,077,000	-	961,126	996,325	119,549	5.76%
Apr	2,332,000	-	1,271,247	902,354	158,399	6.79%
May	2,409,000	-	1,422,553	880,357	106,090	4.40%
Jun	2,839,000	-	1,710,620	723,658	404,722	14.26%
Jul	2,715,000	-	1,915,090	599,246	200,664	7.39%
Aug	2,642,000	-	1,578,297	970,562	93,141	3.53%
Sep	2,693,000	-	1,674,851	916,581	101,568	3.77%
Oct	2,139,000	-	1,442,709	564,893	131,398	6.14%
Nov	3,073,000	-	1,455,727	1,182,149	435,124	14.16%
Dec	3,330,000	-	1,115,960	1,645,213	568,827	17.08%
Total	31,508,600	-	17,005,547	11,435,219	3,067,834	9.74%

Explanation:

Sandy acres has a lot of flushing due to dead end lines. In addition there has been a large amount of sand buildup in wells which also contributed to more flushing.

SANDY ACRES 2010**LEAKS****LOST GALLONS**

4-Jan-10	SE 249th Ave	main line	250,000	2-Jul-10	SE 167th Pl	main line	189,357
7-Jan-10	Acct# 23008	main line	200,000	5-Jul-10	SE 252nd Ave	main line	164,937
11-Jan-10	SE 251st Terr	main line	234,357	14-Jul-10	Acct # 23242	serv line	24,936
25-Jan-10	SE 251 Terr	serv line	150,000	22-Jul-10	acct # 23194	main gate valve	101,216
29-Jan-10	Hwy 42	main line	320,000				
				8-Aug-10	acct # 23061	serv line	250,989
				12-Aug-10	SE 249th Terr	main line	204,896
2-Feb-10	SE 173rd Ln	Main Line	150,228	21-Aug-10	Hwy 42	main blow off	175,392
5-Feb-10	SE 248th Terr	Main Tee	140,228	29-Aug-10	SE 249th Terr	main line	220,485
14-Feb-10	Se 252nd Ave	Serv line	165,481				
26-Feb-10	Se 251st terr	Main line	205,987	3-Sep-10	Se 170th St	main line	246,789
				9-Sep-10	SE 249 Terr	serv line	158,357
4-Mar-10	SE 251st Terr	Main Line	267,241	20-Sep-10	SE 251st Terr	serv line	169,157
9-Mar-10	SE 167 Pl	Main line	320,798	30-Sep-10	SE 167th Pl	main line	148,478
16-Mar-16	SE 173rd Ln	Main Line	289,486				
				4-Oct-10	SE 173 St	main line	150,369
5-Apr-10	Hwy 42	Main Line	195,889	9-Oct-10	Acct # 23169	main line	164,587
9-Apr-10	Acct # 23066	Main Line	170,453	15-Oct-10	Hwy 42	main line	131,137
13-Apr-10	SE 170th St	2 Serv Line leaks	239,248				
22-Apr-10	Se 252nd Ave	Main at Valve	177,964	2-Nov-10	Acct # 23159	main line	268,167
				6-Nov-10	SE 167th terr	serv line	198,769
4-May-10	Acct # 23154	Serv Line	120,342	11-Nov-10	SeE 248th Terr	main line	101,598
5-May-10	Acct # 23166	Serv Line	100,100	16-Nov-10	SE 251st Ave	main line	100,983
12-May-10	SE 248th Terr	Main Line	160,900	20-Nov-10	pump station	main line	126,845
20-May-10	Se 252nd Ave	Main Line	130,467	25-Nov-10	acct # 23284	main line	135,983
23-May-10	Hwy 42	Main Tee	122,822	29-Nov-10	acct # 23002	main line	131,004
31-May-10	SE 173rd Ln	Main Valve leaking	126,926				
				6-Dec-10	Hwy 42	main tee	333,969
7-Jun-10	SE 249 Ave	Serv Line	100,123	13-Dec-10	acct # 23061	main tee/serv	316,489
12-Jun-10	SE 251st Terr	Main Line	150,637	22-Dec-10	Se 252nd Ave	serv line	129,636
18-Jun-10	SE Hwy 42	Main Elbow	102,309	29-Dec-10	SE 173rd Ln	serv line	140,323
30-Jun-10	SE 173rd Ave	Main Cross	251,789	30-Dec-10	SE 170 St	main	282,146
				31-Dec-10	SE 249 Terr	main	280,050
		TOTAL	4,843,775		TOTAL		5,047,044

SANDY ACRES

FLUSHING

1 hr - 2 in flush

Flush Point #1	4950 each flush	
Flush Point #2	4950 each flush	
Flush Point #3	4950 each flush	29,700 total each flush
Flush Point #4	4950 each flush	
Flush Point #5	4950 each flush	
Flush Point #6	4950 each flush	

FLUSH DATES

Jan 5,15,21,29	
Feb 3,10,17,24	
Mar 4,11,18,25,30	
Apr 1,8,15,22,29	
May 6,13,20,27	
Jun 4,11,18,23,30	
Jul 6,13,20,27	
Aug 3,10,17,24,31	
Sep 9,16,23,30,	1,544,400 total in flushing
Oct 7,14,21,28	
Nov 9,16,23,30	
Dec 10,17,24,31	

TOTAL GALLONS LOST DURING FLUSHING AND LEAKS

11,435,219

System was built with substandard materials which results in more than average number of leaks.

It shows more than average water loss for leaks and broken lines due to the depth of the water lines in the area. They are approximately 7 feet deep which allows them to leak for extended periods of time before they surface.