

SOUTH SANTA ROSA UTILITY SYSTEM

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BOARD MEETING AGENDA

Gulf Breeze City Hall

October 12, 2015

Monday.....6:30 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF MINUTES:
 - a. Regular Meeting August 10, 2015
4. REPORTS:
 - a. Financial Report
 - b. Operations Report
 - c. Engineering & Permitting
5. OLD BUSINESS
6. NEW BUSINESS:
 - a. Septic Tank Conversion Evaluation
7. PUBLIC FORUM
8. SETTING OF NEXT MEETING . . . December 14, 2015
9. ADJOURNMENT

If any person decides to appeal any decisions made with respect to any matter considered at this meeting, such person may need to insure that a verbatim record of the proceedings is made, which record includes the testimony and any evidence upon which the appeal is to be based.

The public is invited to comment on matters before the SSRUS Board upon receiving recognition from the Chair.

SOUTH SANTA ROSA UTILITY SYSTEM
BOARD OF DIRECTORS MEETING
AUGUST 10, 2015 - 6:30 P.M.

1. CALL TO ORDER:

The 126th regular meeting of the South Santa Rosa Utility System Board of Directors was called to order at 6:30 p.m., at Gulf Breeze City Hall, by Chairman Tom Naile.

2. ROLL CALL AND INVOCATION:

The following Board members were present: Mayor Matt Dannheisser, Robert Davies, Mayor Pro Tem Joe Henderson, Mark Meister, Tom Naile, Otto Prochaska, and Bill Stanford.

3. APPROVAL OF MINUTES:

A motion was made by Otto Prochaska to approve the June 8, 2015, meeting minutes. Bill Stanford seconded. The minutes were approved unanimously.

A motion was made by Mayor Pro Tem Henderson to approve the July 13, 2015, budget workshop minutes. Otto Prochaska seconded. The minutes were approved unanimously.

4. REPORTS:

a. Finance Report

Thomas Lambert gave the board the financial report for October 2014 through July 2015.

b. Operations Report

Vernon Prather stated that utility operations were normal in June and July. The demand for reclaim resulted in supplemental wells being operated for spray fields off-line. This is typical for this time of year, with the lake averaging 6.6".

WWTP Staff has been mowing the entire west course; the front nine with finish mowers and bush hogging of the back nine. Staff is using a rented flail mower to remove excess weed growth on lake areas on the front nine. The inmate squad has been working to remove brush and excess vegetation from drainage areas along West Course holes 9 and 10.

SOUTH SANTA ROSA UTILITY SYSTEM
BOARD OF DIRECTORS MEETING
AUGUST 10, 2015 - 6:30 P.M.

The West Course irrigation system continues to be evaluated. It was determined that the front nine is only 30% operable at best with the back nine at 15%. Staff will be reviewing options for repair and reliable operations. This item is paramount in order to effectively irrigate the 120 acres and promote healthy turf grass and maximize spray field capacity.

The WWTP flow was 1.514 mgd, for June and 1.486 for July 2015. The Golf Course flow for June was .853 mgd and .718 for July. Overall the reclaim system has remained balanced.

Staff provided the last 8 years of rainfall history as recorded by the WWTP. They also provided the SSRUS increased/decreased customer base for water and sewer customers pre- and post-Ivan. A comparison of water and sewer revenues for June and July 2014 to 2015 was also provided.

Attached for the Board's review were copies of the following correspondence:

- a) WWTP data for May and June 2015
- b) Water & Sewer Revenue Tables F/Y 2015, 2014, 2013, 2012, 2011, 2010
- c) Water and Sewer Impact Fee Tables F/Y 2015, 2014, 2013, 2012, 2011, 2010
- d) Construction Coordinator Report

c. Engineering and Permitting

Thomas Lambert gave the report on engineering and in-house construction projects and technology fee plan.

5. OLD BUSINESS:

a. Budget Approval.

RECOMMENDATION:

**SOUTH SANTA ROSA UTILITY BOARD RECOMMEND TO CITY COUNCIL
APPROVAL OF THE F/Y 2016 BUDGET AS PRESENTED.**

Mayor Pro Tem Henderson made a motion that the SSRUS recommend to the City Council a 5% margin increase for the next three years as follows: 5% for the first year, 10% for the second year; and 15% for the third year effective immediately following the public meeting. Otto Prochaska seconded. The vote for approval was unanimous.

SOUTH SANTA ROSA UTILITY SYSTEM
BOARD OF DIRECTORS MEETING
AUGUST 10, 2015 - 6:30 P.M.

Mayor Pro Tem Henderson made a motion that the budget as amended by the margin increase approved above be accepted as presented. Mark Meister seconded. The vote for approval was unanimous.

6. NEW BUSINESS:

a. Maintenance Equipment Purchase

RECOMMENDATION:

SOUTH SANTA ROSA UTILITY SYSTEM BOARD RECOMMENDS THAT THE CITY COUNCIL AUTHORIZE THE PURCHASE OF 2 BUSH HOG TD1100 FINISH MOWERS AT A COST OF \$23,090. (*This purchase will come from FY2015 budget.*)

Otto Prochaska moved for approval of staff's recommendation. The motion was seconded by Robert Davies. The vote for approval was unanimous.

b. WWTF North Basin Rehab Bid

RECOMMENDATION:

SOUTH SANTA ROSA UTILITY SYSTEM BOARD RECOMMENDS THAT THE CITY COUNCIL APPROVE THE BELOW LISTED CONTRACTS:

- **NORTH PLANT CLEAN OUT TO GREENSOUTH SOLUTIONS, INC. FOR \$55,000**
- **NORTH PLANT REHABILITATION TO CAPE ENVIRONMENTAL MANAGEMENT, INC. FOR \$370,000**

Otto Prochaska moved for approval of staff's recommendation. The motion was seconded by Robert Davies. The vote for approval was unanimous.

c. WWTF Expansion Property

This item was discussed but there was no action taken. The Board discussed the need to determine the minimum amount of acreage that the Utility needs for its operations.

SOUTH SANTA ROSA UTILITY SYSTEM
BOARD OF DIRECTORS MEETING
AUGUST 10, 2015 - 6:30 P.M.

7. **PUBLIC FORUM:**

Mike Handler, 1195 Grand Pointe, spoke with regards to the proposed budget.

8. **SETTING NEXT MEETING:**

The next South Santa Rosa Utility System Board meeting will be held on Monday, October 12, 2015, at 6:30 p.m.

9. **ADJOURNMENT:** 7:52 P.M.

ATTESTED TO:

Stephanie D. Lucas, City Clerk

SSRUS FINANCIAL SUMMARY
F/Y 2015 PERIOD 12 FINANCIAL COMPARISON
OCTOBER 2014 THROUGH SEPTEMBER 2015

October 2015

Description	FY2015 Actual YTD	FY2015 Budget YTD		FY2014 Actual YTD	
WATER					
<i>Revenue</i>					
Service Charges	1,667,789	1,734,000	-3.8%	1,667,053	0.0%
Impact Fees					
Miscellaneous	32,241	25,000	29.0%	46,771	-31.1%
Special Assessment	69,026	-	0.0%	-	0.0%
TOTALS	1,769,056	1,759,000	0.57%	1,713,824	
<i>Expenses</i>					
Salaries	412,387	362,177	13.9%	347,468	18.7%
Operating	60,315	55,100	9.5%	72,572	-16.9%
Repairs & Maintenance	99,090	47,500	108.6%	98,792	0.3%
Contractual	566,350	489,500	15.7%	611,464	-7.4%
Utilities	59,445	44,000	35.1%	48,102	23.6%
Debt Service	113,393	113,076	0.3%	-	0.0%
Capital	-	12,000	0.0%	6,715	-100.0%
Transfers	82,896	91,539	-9.4%	123,825	-33.1%
TOTALS	1,393,876	1,214,892	14.7%	1,308,937	
WATER NET GAIN/(LOSS)	375,180	544,108		404,887	
SEWER					
<i>Revenue</i>					
Service Charges	3,265,197	3,032,000	7.7%	3,179,004	2.7%
Impact Fees					
Miscellaneous	662,942	763,062	-13.1%	826,791	-19.8%
Special Assessment	-	-	0.0%	-	0.0%
TOTALS	3,928,138	3,795,062	3.51%	4,005,795	
<i>Expenses</i>					
Salaries	1,187,231	1,064,139	11.6%	1,179,669	0.6%
Operating	259,210	238,800	8.5%	284,205	-8.8%
Repairs & Maintenance	371,125	212,000	75.1%	359,760	3.2%
Contractual	135,932	143,000	-4.9%	132,599	2.5%
Utilities	320,365	308,000	4.0%	335,750	-4.6%
Debt Service	1,198,966	1,329,374	-9.8%	733,359	63.5%
Capital	288,177	660,500	-56.4%	458,613	-37.2%
Transfers	165,795	183,078	-9.4%	176,214	-5.9%
TOTALS	3,926,800	4,138,891	-5.1%	3,660,168	
SEWER NET GAIN/(LOSS)	1,338	(343,829)		345,627	

SSRUS FINANCIAL SUMMARY - 12 MONTH YTD (Oct 14-Sep 15)
 OPERATIONAL AND CAPITAL SUMMARIES

Description	FY2015 Actual YTD	FY2015 Budget YTD		FY2014 Actual	
OPERATIONAL SUMMARY (Includes transfers)					
REVENUE	3,851,303	3,754,546	2.6%	3,866,463	-0.4%
WATER EXPENSE	1,280,483	1,089,816	17.5%	1,302,222	-1.7%
SEWER EXPENSE	2,439,657	2,149,017	13.5%	2,468,196	-1.2%
EXPENSE TOTAL	<u>3,720,139</u>	<u>3,238,833</u>	14.9%	<u>3,770,418</u>	-1.3%
NET GAIN	131,164	515,713	-74.6%	96,044	
CAPITAL & DEBT SERVICE SUMMARY					
REVENUE	1,845,891	1,799,516	2.6%	1,853,157	-0.4%
WATER EXPENSE	113,393	125,076	-9.3%	6,715	1588.6%
SEWER EXPENSE	1,487,143	1,989,874	-25.3%	1,191,972	24.8%
EXPENSE TOTAL	<u>1,600,536</u>	<u>2,114,950</u>	-24.3%	<u>1,198,687</u>	33.5%
NET GAIN	245,355	-315,434	26.9%	654,470	
OVERALL SUMMARY					
REVENUE	5,697,194	5,554,062	2.6%	5,719,620	-0.4%
WATER EXPENSE	1,393,876	1,214,892	14.7%	1,308,937	6.5%
SEWER EXPENSE	3,926,800	4,138,891	-5.1%	3,660,168	7.3%
EXPENSE TOTAL	<u>5,320,676</u>	<u>5,353,783</u>	-0.6%	<u>4,969,105</u>	7.1%
NET GAIN	376,519	200,279		750,514	

Unrestricted Cash 104.10-00	\$ 3,078,295.88
Debt Service Restricted 104.16-03	\$ 133,252.17
Total Cash	\$ 3,211,548.05
- (Impact Fee Reserve)	\$ (1,799,772.75)
OPERATIONAL AVAILABLE CASH	\$ 1,411,775.30

SSRUS FINANCIAL SUMMARY - 12 MONTH YTD (Oct 14-Sep 15)
 OUTSTANDING CAPITAL/MAJOR PROJECT EXPENSE APPROVAL

PROJECT	ORIGINAL BUDGET	REVISED BUDGET	FUNDING NET CHANGE	SPENT TO DATE	BOARD APPROVAL
FY2013					
Lift Station Modification	70,000				
Water Main Replacement	80,000				
TOTALS	150,000		0	0	
FY2014					
Lift Station Modification	65,000				
Sewer Pump (80% of \$35k)	28,000	53,896	25,896		Complete
Water Crew Equipment	21,500	14,526	(6,974)	14,523	Complete
Aerobic Digester	80,000				In process
TOTALS	194,500		18,922	14,523	
FY2015					
Inflow/Infiltration Repairs	100,000				
Rehab North Plant:	500,000	393,000	(107,000)		In process
Automation project at ERS fields	30,000				
Chlorine feed system: \$4,500	4,500				
Garage for the centrifuge	4,500	3,787	(713)	3,787	Complete
Pressure maintainer pump system for the west course pump house	4,500				
Perimeter Fencing	13,000	13,500	500		Complete
Mixer 4hp	4,000				
TOTALS	660,500		-107,213	3,787	



City of Gulf Breeze

TO: Edwin A. Eddy, City Manager

FROM: Vernon L. Prather, Director of Public Services

RE: SSRUS Operations Report

DATE: October 5, 2015

Utility operations were normal in August and September 2015 except for a severe rain event on September 28th. The amount of rainfall varied geographically from approx. 5" to 11" as reported. This caused flash flooding in some areas and activation of spray fields to dispose of the excess water.

WWTP Staff has worked to mow the entire west course. The recently purchased finish mowers and bush hog have made dramatic improvements of the West Course. The inmate squad has been working to remove brush and excess vegetation from drainage areas along the West Course.

We have continued to evaluate the irrigation system for the West Course and observed that the front nine is only 30% operable at best with the back nine at 15%, so staff is reviewing options for repair and reliable operation. This item is paramount in order to effectively irrigate the 120 acres and promote healthy turf grass and maximize spray field capacity.

The WWTP flow was 1.486 mgd, for July and 1.462 mgd for August 2015. The Golf Course flow for July was 1.001 mgd and .667 for August. Overall the reclaim system has remained balanced.

Since utility operations are influenced by rain fall, staff is providing 8 years of annual rainfall as recorded at the WWTP:

2007 = 81.97"	
2008 = 54.29"	1 st quarter data
2009 = 83.02"	20.14"
2010 = 66.90"	17.49"
2011 = 45.80"	12.45"
2012 = 81.20"	10.57"
2013 = 82.84"	16.86"
2014 = 92.48"	24.22"
2015 = 50.56"	13.01"

SSRUS increased/decreased the customer base as follows:

Billed water customers: (pre-Ivan 4383)
(- 1.4 % since Ivan)

Billed sewer customers: (pre-Ivan 5402)
(+16.7 % since Ivan)

Aug 15	4,324	Aug 14	4,268	1.3%	Aug 15	6,294	Aug 14	6,155	2.3%
Sep 15	4,324	Sep 14	4,264	1.4%	Sep 15	6,303	Sep 14	6,163	2.3%

Water revenue:

Aug 15	\$155,038 / 4,324 = \$35.86 /customer	Aug 14	\$131,541 /4,268 = \$30.82 /customer
Sep 15	\$144,620 / 4,324 = \$33.45 /customer	Sep 14	\$144,635 /4,264 = \$33.92 /customer

Sewer revenue:

Aug 15	\$280,008 / 6,294 = \$44.49 /customer	Aug 14	\$253,086 / 6,155 = \$41.12 /customer
Sep 15	\$276,471 / 6,303 = \$43.86 /customer	Sep 14	\$294,000 / 6,163 = \$47.70 /customer

Attached for the Board's review are copies of the following correspondence:

- a) WWTP data for July and August 2015
- b) Water & Sewer Revenue Tables F/Y 2015, 2014, 2013, 2012, 2011, 2010
- c) Water & Sewer Impact Fee Tables F/Y 2015, 2014, 2013, 2012, 2011, 2010
- d) Construction Coordinator Report

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SSRUS WWTP DATA
July 2015

DATE	WWTP FLOW (MGD)	SUPL FLOW DW, & #11D & MW#1 (MGD)	TOTAL COURSE IRRIG (MGD)	WEST COURSE (MGD)	EAST COURSE (MGD)	EAST* COURSE WELL	EASTERN REUSE SITE	REUSE CSTMR'S (MGD)	LAKE LEVEL (FT)	RAIN FALL (IN)	RAIN FALL FLOW
1	1.524	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
2	1.544	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
3	1.588	var.	var.	var.	var.	var.	var.	var.	7.2	0.00	0.00
4	1.487	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
5	1.517	var.	var.	var.	var.	var.	var.	var.	7.0	0.10	0.01
6	1.526	var.	var.	var.	var.	var.	var.	var.	6.8	0.10	0.01
7	1.505	var.	var.	var.	var.	var.	var.	var.	6.7	0.00	0.00
8	1.492	var.	var.	var.	var.	var.	var.	var.	6.8	0.00	0.00
9	1.533	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
10	1.511	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
11	1.448	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
12	1.472	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
13	1.490	var.	var.	var.	var.	var.	var.	var.	7.2	0.00	0.00
14	1.370	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
15	1.354	var.	var.	var.	var.	var.	var.	var.	6.9	0.00	0.00
16	1.465	var.	var.	var.	var.	var.	var.	var.	6.7	0.00	0.00
17	1.477	var.	var.	var.	var.	var.	var.	var.	6.5	0.00	0.00
18	1.497	var.	var.	var.	var.	var.	var.	var.	6.7	0.40	0.05
19	1.455	var.	var.	var.	var.	var.	var.	var.	7.0	0.05	0.01
20	1.563	var.	var.	var.	var.	var.	var.	var.	7.1	0.12	0.01
21	1.469	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
22	1.470	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
23	1.557	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
24	1.452	var.	var.	var.	var.	var.	var.	var.	7.1	0.00	0.00
25	1.510	var.	var.	var.	var.	var.	var.	var.	7.2	0.95	0.12
26	1.480	var.	var.	var.	var.	var.	var.	var.	7.3	0.35	0.04
27	1.383	var.	var.	var.	var.	var.	var.	var.	7.3	0.00	0.00
28	1.454	var.	var.	var.	var.	var.	var.	var.	6.9	0.00	0.00
29	1.474	var.	var.	var.	var.	var.	var.	var.	6.8	0.00	0.00
30	1.493	var.	var.	var.	var.	var.	var.	var.	6.9	0.36	0.04
31	1.510	var.	var.	var.	var.	var.	var.	var.	7.0	0.83	0.10
Max Day	46.070	15.969	15.652	0.877	14.775	15.368	0.000	37.550	7.300	3.260	0.40
AVG	1.588								0		
	1.486	0.515	0.505	0.028	0.477	0.496	0.000	1.211	6.79	0.105	0.013
Golf Course Average Irrigation			1.001								
*Includes East Course Well											

WWTP FLOW + RAIN FLOW + suppl flow - IRRIG - ERS - REUSE - LAKE GAIN = PERC
 Avg 1.486 0.013 0.515 -0.505 0.000 -1.211 0.009 = 0.307 MGD
 (= TOTAL FLOW)
 (2.014)

Lake Level (7/31) - Lake Level (6/30) = Lake Gain
 7.0 7.2 -0.2 ft.
 84.0 86.4 -2.4 in.

ADDITIONAL COMMENTS:

1 Rain Fall Flow equals 1.22662x100,000 MG per inch of rain fall.

-2.400 in.
 -0.294 mg.
 -0.009 mgd

	Formula
WWTP FLOW	1.486
RAIN FLOW	0.013
suppl flow	0.515
- IRRIG	0.505
- ERS	0.000
0 - REUSE	1.211
- LAKE GAIN	-0.009
PERC:	0.307

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SSRUS WWTP DATA
August 2015

DATE	WWTP FLOW (MGD)	SUPPL FLOW DW, & #11D & MW#1 (MGD)	TOTAL COURSE IRRIG (MGD)	WEST COURSE (MGD)	EAST COURSE (MGD)	EAST* COURSE WELL	EASTERN REUSE SITE	REUSE CSTMR'S (MGD)	LAKE LEVEL (FT)	RAIN FALL (IN)	RAIN FALL FLOW
1	1.486	var.	var.	var.	var.	var.	var.	var.	7.3	0.50	0.06
2	1.479	var.	var.	var.	var.	var.	var.	var.	7.5	0.00	0.00
3	1.507	var.	var.	var.	var.	var.	var.	var.	7.7	0.33	0.04
4	1.528	var.	var.	var.	var.	var.	var.	var.	7.4	0.00	0.00
5	1.529	var.	var.	var.	var.	var.	var.	var.	7.0	0.00	0.00
6	1.478	var.	var.	var.	var.	var.	var.	var.	6.7	0.20	0.02
7	1.436	var.	var.	var.	var.	var.	var.	var.	6.8	0.00	0.00
8	1.460	var.	var.	var.	var.	var.	var.	var.	6.9	0.00	0.00
9	1.448	var.	var.	var.	var.	var.	var.	var.	7.1	1.00	0.12
10	1.409	var.	var.	var.	var.	var.	var.	var.	7.3	0.00	0.00
11	1.396	var.	var.	var.	var.	var.	var.	var.	7.4	0.00	0.00
12	1.433	var.	var.	var.	var.	var.	var.	var.	7.2	0.00	0.00
13	1.454	var.	var.	var.	var.	var.	var.	var.	6.9	0.30	0.04
14	1.443	var.	var.	var.	var.	var.	var.	var.	6.6	0.00	0.00
15	1.547	var.	var.	var.	var.	var.	var.	var.	6.6	0.10	0.01
16	1.552	var.	var.	var.	var.	var.	var.	var.	6.7	0.50	0.06
17	1.588	var.	var.	var.	var.	var.	var.	var.	7.2	0.75	0.09
18	1.454	var.	var.	var.	var.	var.	var.	var.	7.3	0.52	0.06
19	1.485	var.	var.	var.	var.	var.	var.	var.	7.3	0.00	0.00
20	1.471	var.	var.	var.	var.	var.	var.	var.	7.1	0.04	0.00
21	1.549	var.	var.	var.	var.	var.	var.	var.	6.9	0.05	0.01
22	1.429	var.	var.	var.	var.	var.	var.	var.	7.2	1.00	0.12
23	1.461	var.	var.	var.	var.	var.	var.	var.	7.2	0.00	0.00
24	1.400	var.	var.	var.	var.	var.	var.	var.	7.5	0.00	0.00
25	1.399	var.	var.	var.	var.	var.	var.	var.	7.4	0.00	0.00
26	1.416	var.	var.	var.	var.	var.	var.	var.	7.3	0.00	0.00
27	1.415	var.	var.	var.	var.	var.	var.	var.	7.2	0.00	0.00
28	1.363	var.	var.	var.	var.	var.	var.	var.	7.3	0.00	0.00
29	1.368	var.	var.	var.	var.	var.	var.	var.	7.2	0.30	0.04
30	1.432	var.	var.	var.	var.	var.	var.	var.	7.0	0.15	0.02
31	1.515	var.	var.	var.	var.	var.	var.	var.	6.7	0.00	0.00
Max Day	45.330	0.807	9.889	0.099	9.790	10.788	0.000	30.618	6.700	5.740	0.70
AVG	1.588								0		
	1.462	0.026	0.319	0.003	0.316	0.348	0.000	0.988	6.90	0.185	0.023
Golf Course Average Irrigation			0.667								
*Includes East Course Well											

WWTP FLOW + RAIN FLOW + suppl flow - IRRIG - ERS - REUSE - LAKE GAIN = PERC
 Avg 1.462 0.023 0.026 -0.319 0.000 -0.988 0.014 = 0.219 MGD
 (= TOTAL FLOW)
 (1.511)

Lake Level (8/31) - Lake Level (7/31) = Lake Gain
 6.7 7.0 -0.3 ft.
 80.4 84.0 -3.6 in.

ADDITIONAL COMMENTS:

1 Rain Fall Flow equals 1.22662x100,000 MG per inch of rain fall.

-3.600 in.
 -0.442 mg.
 -0.014 mgd

	Formula
WWTP FLOW	1.462
RAIN FLOW	0.023
suppl flow	0.026
- IRRIG	0.319
- ERS	0.000
- REUSE	0.988
- LAKE GAIN	-0.014
PERC:	0.219

SSRUS	FY 2015	REVENUE								
	Water Dollars	Water Consump (1000 gal)	Water Customers	Sewer Dollars	Sewer Consump (1000 gal)	Sewer Customers	Total Dollars YTD	Budget Req-mnts YTD	Over/Short YTD	
Oct-14	\$133,741			\$260,061						
Nov-14	\$139,771			\$283,272			\$393,802	\$387,500	\$6,302	
Dec-14	\$127,262			\$250,697			\$816,845	\$775,000	\$41,845	
Jan-15	\$124,079			\$249,380			\$1,194,803	\$1,162,500	\$32,303	
Feb-15	\$119,512	18,807	4,278	\$244,301	28,910	6,229	\$1,568,263	\$1,550,000	\$18,263	
Mar-15	\$120,859	19,305	4,300	\$236,129	27,096	6,247	\$1,932,075	\$1,937,500	-\$5,425	
Apr-15	\$123,739	20,283	4,275	\$259,600	32,775	6,235	\$2,289,063	\$2,325,000	-\$35,937	
May-15	\$138,568	24,914	4,318	\$270,120	34,639	6,288	\$2,672,402	\$2,712,500	-\$40,098	
Jun-15	\$142,294	24,481	4,343	\$275,015	36,398	6,335	\$3,081,089	\$3,100,000	-\$18,911	
Jul-15	\$144,849	25,350	4,314	\$278,060	36,693	6,298	\$3,498,398	\$3,487,500	\$10,898	
Aug-15	\$157,111	27,711	4,324	\$281,905	37,225	6,294	\$3,921,306	\$3,875,000	\$46,306	
Sep-15	\$143,336	23,541	4,324	\$270,620	34,710	6,303	\$4,360,323	\$4,262,500	\$97,823	
TOTALS	\$1,615,119			\$3,159,159			\$4,774,279	\$4,650,000	\$124,279	
AVG.	\$134,593	23,049	4,310	\$263,263	33,556	6,279				

Water monthly requirement
Sewer monthly requirement:

\$141,667
\$245,833
\$387,500

SSRUS	FY 2014	REVENUE								
	Water Dollars	Water Consump (1000 gal)	Water Customers	Sewer Dollars	Sewer Consump (1000 gal)	Sewer Customers	Misc. Charges	Total Dollars YTD	Budget Req-mnts YTD	Over/Short YTD
Oct-13	\$132,102			\$240,080				\$372,182	\$339,923	\$32,259
Nov-13	\$188,628			\$386,076				\$946,886	\$679,846	\$267,040
Dec-13	\$120,209			\$221,839				\$1,288,934	\$1,019,769	\$269,165
Jan-14	\$123,952			\$237,097				\$1,649,983	\$1,359,692	\$290,291
Feb-14	\$142,433			\$264,805				\$2,057,221	\$1,699,615	\$357,606
Mar-14	\$116,865			\$216,869				\$2,390,955	\$2,039,538	\$351,417
Apr-14	\$122,567			\$239,974				\$2,753,497	\$2,379,461	\$374,036
May-14	\$134,869			\$254,665				\$3,143,031	\$2,719,384	\$423,647
Jun-14	\$134,159			\$257,207				\$3,534,397	\$3,059,307	\$475,090
Jul-14	\$137,338			\$277,937				\$3,949,672	\$3,399,230	\$550,442
Aug-14	\$131,555			\$253,078				\$4,334,304	\$3,739,153	\$595,151
Sep-14	\$144,649			\$294,000				\$4,772,954	\$4,079,076	\$693,878
TOTALS	\$1,629,326			\$3,143,627			\$0			
AVG.	\$135,777	#DIV/0!	#DIV/0!	\$261,969	#DIV/0!	#DIV/0!	#DIV/0!			

Water monthly requirement \$120,702
Sewer monthly requirement: \$219,221
\$339,923

B4

SSRS	FY 2011	REVENUE								
		Water	Water	Sewer	Sewer	Sewer	Misc.	Total	Budget	Over/Short
	Dollars	Consump	Customers	Dollars	Consump	Customers	Charges	Dollars	Req-mnts	YTD
		(1000 gal)			(1000 gal)			YTD	YTD	YTD
Oct-10	\$128,822	26,177	4179	\$230,260	35,635	5840	\$503	\$359,584	\$324,275	\$35,309
Nov-10	\$121,605	23,768	4164	\$220,313	37,530	5827	\$481	\$701,983	\$648,550	\$53,434
Dec-10	\$113,988	20,827	4171	\$214,514	29,974	5840	\$540	\$1,031,025	\$972,824	\$58,201
Jan-11	\$118,331	22,365	4177	\$220,274	31,394	5866	\$405	\$1,370,035	\$1,297,099	\$72,936
Feb-11	\$116,958	21,870	4167	\$212,626	29,508	5840	\$510	\$1,700,129	\$1,621,374	\$78,755
Mar-11	\$111,149	19,556	4187	\$206,288	27,538	5863	\$575	\$2,018,141	\$1,945,649	\$72,492
Apr-11	\$119,520	22,877	4164	\$218,832	30,659	5829	\$175	\$2,356,668	\$2,269,923	\$86,744
May-11	\$125,907	25,199	4193	\$239,789	36,334	5868	\$943	\$2,723,306	\$2,594,198	\$129,108
Jun-11	\$136,886	29,201	4176	\$254,659	40,043	5840	\$588	\$3,115,439	\$2,918,473	\$196,966
Jul-11	\$136,846	29,039	4188	\$248,753	38,427	5853	\$350	\$3,501,387	\$3,242,748	\$258,640
Aug-11	\$134,752	28,528	4209	\$247,638	38,149	5887	\$1,301	\$3,885,080	\$3,567,022	\$318,057
Sep-11	\$132,878	27,504	4178	\$243,495	37,261	5850	\$550	\$4,262,002	\$3,891,297	\$370,705
TOTALS	\$1,497,643			\$2,757,440			\$6,920			
AVG.	\$124,804	24,743	4179	\$229,787	34,371	5850	\$577			

\$117,500
 \$206,775
 \$324,275

Water monthly requirement
 Sewer monthly requirement

SSRUS MONTHLY IMPACT FEES - 2015

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-14	\$25	\$3,375	\$25	\$3,375	\$3,400	\$3,400	\$0
November-14	\$2,250	\$14,300	\$2,275	\$17,675	\$19,950	\$0	\$19,950
December-14	\$3,550	\$22,100	\$5,825	\$39,775	\$45,600	\$0	\$45,600
January-15	\$4,150	\$13,775	\$9,975	\$53,550	\$63,525	\$0	\$63,525
February-15	\$0	\$33,800	\$9,975	\$87,350	\$97,325	\$0	\$97,325
March-15	\$2,750	\$50,700	\$12,725	\$138,050	\$150,775	\$0	\$150,775
April-15	\$3,220	\$53,527	\$15,945	\$191,577	\$207,522	\$0	\$207,522
May-15	\$0	\$140,850	\$15,945	\$332,427	\$348,372	\$0	\$348,372
June-15	\$2,250	\$26,000	\$18,195	\$358,427	\$376,622	\$0	\$376,622
July-15	\$4,500	\$24,175	\$22,695	\$382,602	\$405,297	\$0	\$405,297
August-15	\$2,250	\$18,600	\$24,945	\$401,202	\$426,147	\$0	\$426,147
September-15	\$4,325	\$33,800	\$29,270	\$435,002	\$464,272	\$0	\$464,272
Avg.							

Water tap annual requirement: \$0
 Sewer tap annual requirement: \$0
 Combined annual requirement: \$0

Monthly \$0
 Monthly \$0
 Monthly \$0

\$0
 \$0
 \$0

SSRUS MONTHLY IMPACT FEES - 2014

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-13	\$5,875	\$60,550	\$5,875	\$60,550	\$66,425	\$0	\$66,425
November-13	\$12,750	\$17,150	\$18,625	\$77,700	\$96,325	\$0	\$96,325
December-13	\$4,500	\$45,600	\$23,125	\$123,300	\$146,425	\$0	\$146,425
January-14	\$4,500	\$10,400	\$27,625	\$133,700	\$161,325	\$0	\$161,325
February-14	\$9,000	\$29,900	\$36,625	\$163,600	\$200,225	\$0	\$200,225
March-14	\$11,250	\$45,500	\$47,875	\$209,100	\$256,975	\$0	\$256,975
April-14	\$500	\$36,400	\$48,375	\$245,500	\$293,875	\$0	\$293,875
May-14	\$8,575	\$29,375	\$56,950	\$274,875	\$331,825	\$0	\$331,825
June-14	\$1,550	\$16,421	\$58,500	\$291,296	\$349,796	\$0	\$349,796
July-14	\$7,925	\$28,600	\$66,425	\$319,896	\$386,321	\$0	\$386,321
August-14	\$20,250	\$52,000	\$86,675	\$371,896	\$458,571	\$0	\$458,571
September-14	\$2,250	\$29,375	\$88,925	\$401,271	\$490,196	\$0	\$490,196
Avg.							

Water tap annual requirement:

\$0

Monthly

\$0

Sewer tap annual requirement:

\$0

Monthly

\$0

Combined annual requirement:

\$0

Monthly

\$0

SSRUS MONTHLY IMPACT FEES - 2013

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-12	\$2,250	\$13,100	\$2,250	\$13,100	\$15,350	\$0	\$15,350
November-12	\$0	\$9,900	\$2,250	\$23,000	\$25,250	\$0	\$25,250
December-12	\$2,250	\$7,750	\$4,500	\$30,750	\$35,250	\$0	\$35,250
January-13	\$0	\$39,300	\$4,500	\$70,050	\$74,550	\$0	\$74,550
February-13	\$0	\$12,000	\$4,500	\$82,050	\$86,550	\$0	\$86,550
March-13	\$0	\$71,600	\$4,500	\$153,650	\$158,150	\$0	\$158,150
April-13	\$14,075	\$52,200	\$18,575	\$205,850	\$224,425	\$0	\$224,425
May-13	\$3,425	\$24,200	\$22,000	\$230,050	\$252,050	\$0	\$252,050
June-13	\$2,250	\$22,575	\$24,250	\$252,625	\$276,875	\$0	\$276,875
July-13	\$3,525	\$9,800	\$27,775	\$262,425	\$290,200	\$0	\$290,200
August-13	\$2,250	\$15,975	\$30,025	\$278,400	\$308,425	\$0	\$308,425
September-13	\$1,687	\$17,275	\$31,712	\$295,675	\$327,387	\$0	\$327,387
Avg.							

Water tap annual requirement: \$0 Monthly

Sewer tap annual requirement: \$0 Monthly

Combined annual requirement: \$0 Monthly

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SSRUS MONTHLY IMPACT FEES - 2012

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-11	\$0	\$6,500	\$0	\$6,500	\$6,500	\$0	\$6,500
November-11	\$5,625	\$33,074	\$5,625	\$39,574	\$45,199	\$0	\$45,199
December-11	\$0	\$16,524	\$5,625	\$56,098	\$61,723	\$0	\$61,723
January-12	\$75	\$26,924	\$5,700	\$83,022	\$88,722	\$0	\$88,722
February-12	\$4,500	\$50,607	\$10,200	\$133,629	\$143,829	\$0	\$143,829
March-12	\$0	\$5,900	\$10,200	\$139,529	\$149,729	\$0	\$149,729
April-12	\$0	\$38,600	\$10,200	\$178,129	\$188,329	\$0	\$188,329
May-12	\$0	\$24,400	\$10,200	\$202,529	\$212,729	\$0	\$212,729
June-12	\$10,125	\$26,775	\$20,325	\$229,304	\$249,629	\$0	\$249,629
July-12	\$0	\$20,800	\$20,325	\$250,104	\$270,429	\$0	\$270,429
August-12	\$2,250	\$21,700	\$22,575	\$271,804	\$294,379	\$0	\$294,379
September-12	\$0	\$93,184	\$22,575	\$364,988	\$387,563	\$0	\$387,563
Avg.							

Water tap annual requirement: \$0 Monthly
 Sewer tap annual requirement: \$0 Monthly
 Combined annual requirement: \$0 Monthly

SSRUS MONTHLY IMPACT FEES - 2011

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-10		\$1,047	\$0	\$1,047	\$1,047	\$0	\$1,047
November-10		\$3,750	\$0	\$4,797	\$4,797	\$0	\$4,797
December-10		\$6,247	\$0	\$11,044	\$11,044	\$0	\$11,044
January-11		\$45,247	\$0	\$56,291	\$56,291	\$0	\$56,291
February-11	\$4,500	\$11,446	\$4,500	\$67,737	\$72,237	\$0	\$72,237
March-11	\$4,500	\$7,047	\$9,000	\$74,784	\$83,784	\$0	\$83,784
April-11	\$1,688	\$10,522	\$10,688	\$85,306	\$95,993	\$0	\$95,993
May-11		\$11,447	\$10,688	\$96,753	\$107,440	\$0	\$107,440
June-11	\$2,250	\$88,147	\$12,938	\$184,900	\$197,837	\$0	\$197,837
July-11	\$4,500	\$31,679	\$17,438	\$216,579	\$234,016	\$0	\$234,016
August-11		\$11,343	\$17,438	\$227,922	\$245,359	\$0	\$245,359
September-11	\$2,250	\$61,951	\$19,688	\$289,873	\$309,560	\$0	\$309,560
Avg.							

Water tap annual requirement: \$0 Monthly \$0
 Sewer tap annual requirement: \$0 Monthly \$0
 Combined annual requirement: \$0 Monthly \$0

SSRUS MONTHLY IMPACT FEES - 2010

MONTH	WATER	SEWER	YTD WATER	YTD SEWER	YTD TOTAL	BUDGETED	OVER/UNDER
October-09	\$2,250	\$9,621	\$2,250	\$9,621	\$11,871	\$0	\$11,871
November-09	\$0	\$1,047	\$2,250	\$10,668	\$12,918	\$0	\$12,918
December-09	\$2,250	\$6,247	\$4,500	\$16,915	\$21,415	\$0	\$21,415
January-10	\$0	\$6,247	\$4,500	\$23,162	\$27,662	\$0	\$27,662
February-10	\$0	\$18,015	\$4,500	\$41,177	\$45,677	\$0	\$45,677
March-10	\$0	\$14,822	\$4,500	\$55,999	\$60,499	\$0	\$60,499
April-10	\$0	\$1,047	\$4,500	\$57,046	\$61,546	\$0	\$61,546
May-10	\$2,250	\$6,247	\$6,750	\$63,293	\$70,043	\$0	\$70,043
June-10	\$0	\$6,247	\$6,750	\$69,540	\$76,290	\$0	\$76,290
July-10	\$0	\$1,047	\$6,750	\$70,587	\$77,337	\$0	\$77,337
August-10	\$0	\$1,047	\$6,750	\$71,634	\$78,384	\$0	\$78,384
September-10	\$0	\$1,047	\$6,750	\$72,681	\$79,431	\$0	\$79,431
Avg.							

Water tap annual requirement: \$0 Monthly \$0
 Sewer tap annual requirement: \$0 Monthly \$0
 Combined annual requirement: \$0 Monthly \$0

MEMORANDUM

TO: Vernon L. Prather, Director of Public Services
FROM: Jon Kanzigg, Construction Coordinator
DATE: October 6, 2015
RE: Construction Report

Projects under review

The Waters Water - 0 Sewer - 240 Reuse - 0

This will be a three phase Subdivision built on Soundside Drive. Developer has hired Preble-Rish Inc. to provide Design work. **Phase one and two have been reviewed and accepted for permitting.** It will be constructed in three phases and will be a L.P.S. sewer system. First phase will be 107 units. Second phase will be 16 units. Force main connection will be Nantahala Road just north of the Mandavilla subdivision.

Publix Water-0 Sewer-10 Reuse - varies

If approved by the Army Core of Engineers it will located between Tiger Point Park Road and Tiger Point Park Lane. Just east of Lowes and Walgreens. Publix will be the anchor store with three out parcels. They may house restaurants and or retail. Each out parcel will be reviewed as buildings are planned.

Dollar General Water - 0 Sewer - 1 Reuse - 0

This will be a standalone store located on the North side of highway 98 near the intersection of New Hope Road. Private lift station with a road bore required.

The following projects are currently under construction.

1. Beehive Assisted Living Facility. **Private lift station tap has been made.**
2. Greystone Apartments. **Tap has been made.**
3. Pelican Bay. **Developer has worked out the Easement issue with the State. Project is about 25% complete.**

Projects completed since last report.

None



City of Gulf Breeze

TO: Edwin A. Eddy, City Manager
FROM: Thomas E. Lambert, Assistant Director of Public Services
DATE: October 8, 2015
RE: Engineering Report

Below are the status of SSRUS engineering and in-house construction projects.

Description	Cost	Status
-------------	------	--------

GENERAL

Highway 98 Resurfacing	\$88,273.50	Cost for utility relocation because of US 98 resurfacing, so far very little of this money has been needed. One additional conflict was found, but existing funds will cover the cost.
Meter Replacement	\$4,200,000	Project is complete. FlexNet system is being used for billing. We still have 15% of the meters that won't read. We are working with Sensus on this issue. The defective meter issue has not been as severe as expected, so far 300 defective meters.
Ranchette Sewer Survey		Need to conduct survey in conjunction with potential stormwater improvements
Surplus Effluent Property Study		Complete, will update periodically

WATER SYSTEM

Water Main Replacement 2013	\$80,000.00	
Water Plant Modifications	\$12,000.00	Completed GST valve change out.
Water Crew Equipment	\$14,500.00	Complete, will update periodically

SEWER COLLECTION SYSTEM

Gulf Isles Lift Station	\$150,000.00	2 Year project (FY13 \$70k, FY14 \$65K)
Sewer Portable Pump	\$53,856.00	Complete

WASTEWATER TREATMENT

Treatment Expansion		Not required until 2023 as of last capacity analysis, this could slip further.
Aerobic Digester Enhancements	\$80,000.00	In engineering design
Inflow/Infiltration Repairs	\$100,000.00	
Rehab North Plant:	\$393.00	Bid approval this agenda
Automation project at ERS fields	\$30,000.00	
Perimeter Fencing	\$13,000.00	Complete

RECLAIMED IRRIGATION SYSTEM

Reclaimed Pressure Study		Still monitoring progress, We continue to make modifications to the system to improve performance.
Reclaimed Tank Grant -NFWWMD	\$690,000.00	Design work has begun, hydraulic model complete. Conditional use permit approved by County.

	FY 2013 Budgeted Capital
	FY 2014 Budgeted Capital
	FY 2015 Budgeted Capital
	Detailed information attached



City of Gulf Breeze

TO: Edwin A. Eddy, City Manager
FROM: Thomas E. Lambert, Assistant Director of Public Services
DATE: October 8, 2015
RE: Technology Fee Plan

CITY PROJECTS SSRUS PROJECTS

Projected Fund Use

Projected Revenue	\$326,760	\$542,880
Designated for Loan	(\$163,380)	(\$271,440)
Expenditures	\$0	\$0
Projected Expenditures	(\$25,000)	(\$25,000)
Undesignated Funding	\$138,380	\$246,440

Current Fund Status

Revenue Billed	\$36,192	\$69,026
Designated for Loan	(\$18,096)	(\$34,513)
Expenditures	\$0	\$0
Committed Funds	\$0	\$0
Remainder / (Deficit)	\$18,096	\$34,513

STATUS = Projected, Committed or Complete

Description	Cost	Status	Notes
CITY PROJECTS TOTAL COST = \$25,000.00			
Lift Station Scada Monitoring Phase I- Installing radios to collect data over the FlexNet System	\$5,000.00	<i>Projected</i>	Install 5 lift station remote monitoring systems
Lift Station Scada Monitoring Initial Setup	\$5,000.00	<i>Projected</i>	Initial setup of the FlexNet system to integrate lift station data, 1/2 cost shared
Leak Detection	\$12,000.00	<i>Projected</i>	Starter kit for portable monitoring system. 1/2 cost shared with SSRUS
Water Plant/Storage Telemetry	\$3,000.00	<i>Projected</i>	
SSRUS PROJECTS TOTAL COST = \$25,000.00			
Lift Station Scada Monitoring Phase I- Installing radios to collect data over the FlexNet System	\$5,000.00	<i>Projected</i>	Install 5 lift station remote monitoring systems
Lift Station Scada Monitoring Initial Setup	\$5,000.00	<i>Projected</i>	Initial setup of the FlexNet system to integrate lift station data, 1/2 cost shared
Leak Detection	\$12,000.00	<i>Projected</i>	Starter kit for portable monitoring system. 1/2 cost shared with City Water & Sewer
Water Plant/Storage Telemetry	\$3,000.00	<i>Projected</i>	



City of Gulf Breeze

TO: Edwin A. Eddy, City Manager
FROM: Thomas E. Lambert, Assistant Director of Public Services
DATE: October 9, 2015
RE: Septic Tank Conversion Evaluation

A handwritten signature in blue ink, appearing to be "T. Lambert", is written over the "FROM:" line of the memo.

The Chairman has asked that the subject of septic tank conversion be added to this month's agenda for discussion. As you may know, the City Council had developed a septic tank planning committee in 1998 to discuss this issue within the City. The ordinance establishing this committee is shown below:

ARTICLE VIII. - SEPTIC TANK CONVERSION PLANNING COMMITTEE

Sec. 19-367. - Creation; duties.

A septic tank conversion planning committee is hereby created to study the issue of converting septic tanks to central sanitary sewer with input from consulting engineers and city staff. The committee will review conversion alternative methods and funding options. The committee will meet as it may deem appropriate and produce a report as soon as possible including but not limited to the following:

- (1) A description of the various alternative ways to convert septic tanks to central sewer along with associated costs for each for assigned sections of the community.*
- (2) A synopsis of the costs and benefits of septic tank conversion.*
- (3) A list in priority order of the areas in the city with septic tanks that should be converted to central sewer service.*

(Ord. No. 10-98, § 1, 11-2-98)

At the end of this planning process it was determined that there did not appear to be any obvious environmental hazards associated with the existing septic systems in the City and that any conversions would be initiated by individual or collective users of septic systems. The City's active participation in any conversion projects would be evaluated on a case by case basis. Since that time only 77 conversions have taken place and all but two have depended upon grant funding.

The SSRUS Board has never focused on the need for septic tank conversion. A ten percent conversion was considered in the SSRUS Master Plan as part of the 5.5 million gallon per day build-out for the utility system. Currently, we estimate about 1,500 customers on septic tanks in the SSRUS service area.

There are many factors to consider with septic tank conversion such as septic failures, cost of conversion, funding, potential environmental hazards, and customer desire for the conversion. The Board could consider this issue as a committee of the whole in a special workshop, or appoint a subcommittee to develop a document for the Board as a whole.