

AGENDA
HOMOSASSA SPECIAL WATER DISTRICT
Regular Meeting
September 21, 2009

Commissioner Rodney MacRae, Chairman	
Commissioner Dennis Seibert, Vice- Chairman	Commissioner Diann G Schultz, Sec/Treas.
Commissioner Robert Jeeves	Commissioner James Bitter
David Purnell, Superintendent, HSWD	Denise Lyn, HSWD Attorney

NOTICE TO THE PUBLIC

Any person who decides to appeal any decision of the Governing Body with respect to any matter considered at this meeting will need a record of the proceedings and for such purpose may need to provide that a verbatim record of the proceeding is made, which record includes testimony and evidence upon which the appeal is to be based, (Section 286.0105, Florida Statutes)

Any person requiring reasonable accommodation at this meeting because of a disability or physical impairment should contact the Homosassa Special Water District Office, 7922 W. Grover Cleveland Blvd., Homosassa, FL 34448 or P.O. Box 195, Homosassa, FL 34487, (352) 628-3740, at least two (2) days before the meeting. If you are hearing or speech impaired, call 1-800-955-8771.

1) Additions, Corrections, Deletions of Regular Minutes of August 17, 2009

2) Public Input

- A) Bob Brossart (Request for adjustment due to leak)**
- B) Jackee Walters (Request for adjustment due to leak)**

3) Attorney Report

- A) Stonebrook Mobile Home Park (Update)**
- B) Tradewinds (Update)**
- C) Inter-Local Agreements with Citrus County**
 - A) Bulk Water**
 - B) Water Readings Sewer**
 - C) Contiguous Property**

4) 2008-2009

5) 2009-2010 Budget (Time Certain 5:01 P.M.)

- A) Final Budget Hearing**

6) Staff Report

- A) Write Off's recommended by Collections Unlimited**
- B) Write Off's to small to send to collections**
- C) Bank Information**
- D) Procedures**

7) Superintendent's Report

8) Old Items -- Reports to the Board

- A) Shut off List**
- B) Number of Past Dues mailed**
- C) Overtime Report**
- D) Adjustment Report**

9) Board Comments

10) Pay Bills/Adjournment

Homosassa Special Water District

REGULAR MEETING

September 21, 2009

A regular meeting of the Board of Commissioners of the Homosassa Special Water District was held on Monday, September 21, 2009 at the Water District office located at 7922 W. Grover Cleveland Blvd., Homosassa, FL.

Present were:

Commissioner MacRae
Commissioner Schultz
Commissioner Seibert
Commissioner Jeeves
Commissioner Bitter

Denise Lyn, HSWD Attorney
David Purnell (Superintendent)
Teresa Olds (HSWD)
Alvie Baker (HSWD)

Commissioner MacRae called the meeting to order at 3:00 p.m.

1) Additions, Corrections, Deletions of the Minutes of the Regular Meeting of August 17, 2009 & Minutes of the Tentative Budget Hearing of September 3, 2009 (on file)

Commissioner Bitter made a motion to accept the Minutes the Regular Meeting of August 17, 2009 as presented. Commissioner Jeeves seconded. Vote yes. Motion carried.

Commissioner Seibert made a motion to accept the Minutes of the Tentative Budget Hearing of September 3, 2009. Commissioner Jeeves seconded. Vote yes. Motion carried.

2) Public Input

A) Bob Brossart (Request for adjustment due to leak) (on file)

Discussion.

Commissioner Seibert made a motion to waive the conservation rates for the months of July and August. Commissioner Jeeves seconded. Vote yes. Motion carried.

B) Jackee Walters (Request for adjustment due to leak) (on file)

Discussion.

Commissioner Jeeves made a motion to waive the conservation rates for the months of July and August. Commissioner Schultz seconded.

Commissioner Seibert and Commissioner Bitter would like to see the month of June included.

Commissioner MacRae called for the vote on the motion.

Commissioner Schultz vote yes. Commissioner Bitter vote no. Commissioner Jeeves vote yes. Commissioner Seibert vote no. Commissioner MacRae vote no.

Motion dies.

Commissioner Bitter made a motion to waive conservation rates for the months of June, July and August. Commissioner Seibert seconded.

Commissioner MacRae called for the vote on the motion.

Commissioner Schultz vote yes. Commissioner Bitter vote yes. Commissioner Jeeves vote no. Commissioner Seibert vote yes. Commissioner MacRae vote yes. Motion carries.

3) Bid Opening- Elevated Tank Controls (Superintendent Purnell & George McDonald)

Commissioner MacRae opened the only bid received. Marolf Environmental Inc. total bid \$87,623.00.

Discussion with George McDonald on the bid that was received and the lack of bids.

4) Attorney Report

A) Stonebrook Mobile Home Park (Update-Superintendent Purnell & Attorney Lyn)

Discussion.

We are still looking at the negotiating phase of the agreement. Still working with American Land Lease Attorney's on the wording of the agreement.

One issue, American Land Lease is wanting a figure for the 8" line that they are paying for a "not greater than" figure. American Land Lease is paying for the 8" line and the District will be providing the water meters.

Discussion.

Board agrees for George McDonald to proceed with the permitting portion of the Stonebrook Project.

Discussion.

Board directs Attorney Lyn to start the process of getting an easement from Mr. Whetstone.

B) Tradewinds (Update)

Attorney Lyn sent a letter to the owner.

C) Inter-Local Agreements with Citrus County

A) Bulk Water

B) Water Readings Sewer

C) Contiguous Property

Attorney Lyn will work on updating these agreements along with updating costs involved.

8-2 Superintendent' Report –Elevated Tank

George McDonald discussed with the Board the elevated Tank and the validity of keeping the tank and the costs involved in maintaining the tank.

Commissioner Schultz made a motion to reject the bid received from Marolf Environmental Inc. and rebid project running ad in Trade Magazines and newspapers. Commissioner Seibert seconded. Vote yes. Motion carried.

5) 2008-2009 Budget (on file)

No Discussion.

6) 2009-2010 Budget Hearing (Time Certain 5:01 P.M.)

A) Final Budget Hearing

7) Staff Report (on file)

A) Write off's recommended by Collections Unlimited (on file)

Commissioner Bitter made a motion to write off the accounts recommended by Collections Unlimited. Commissioner Jeeves seconded. Vote yes. Motion carried.

B) Write off's too small to send to collections (on file)

Commissioner Schultz made a motion to write off the accounts too small to go to collections. Commissioner Seibert seconded. Vote yes. Motion carried.

C) Accounts going to Collections Unlimited (on file)

Commissioner Schultz made a motion on the accounts that are going to Collections Unlimited. Commissioner Seibert seconded. Vote yes. Motion carried.

D) Bank Information

Commissioner Schultz made a motion for staff to check with SunTrust Bank and Regions Bank to see if we could get an interest rate of 2% or greater on CD's and up to 2 CD's in the amount of \$250,000.00 each. Commissioner Jeeves seconded. Commissioner Schultz amended motion to read any bank with 2% or greater staff to contact Chairman. Commissioner Jeeves amended his second. Vote yes. Motion carried.

E) Procedures (on file)

Discussion.

Board directed staff to add more information. Board approved the concept.

F) Web Hosting (on file)

Discussion.

Commissioner Seibert made a motion to accept Nature Coast Web & Design pursuant to the quote dated July 17, 2009. Commissioner Bitter seconded. Vote yes. Motion carried.

8) Superintendent's Report (on file)

Discussion.

8-5 Directional Bore Machine

Discussion.

Commissioner Schultz made a motion to purchase the Directional Bore Machine from Vermeer for \$79,984.00. Commissioner Seibert seconded. Vote yes. Motion carried.

8-3 Mickey's Point

Discussion.

Board recommended changes to the letter to Mr. Fields and also to send a colored aerial picture of the property and easement. Attorney Lyn made changes to the letter during the Board Meeting. Board agreed with the changes made to the letter.

9) Old Business – Reports to the Board

- A) Shut off List (on file)**
- B) Number of Past Due's mailed (on file)**
- C) Overtime Report (on file)**
- D) Adjustment Report (on file)**

10) Board Comment

11) Pay Bills/ Adjournment

Commissioner Seibert made a motion to pay bills and adjourn the meeting.
Commissioner Jeeves seconded. Vote yes. Motion carried.

09/30/09
09:06:09

HOMOSASSA SPECIAL WATER DISTRICT
Check Register for 101050-Cash In Bank Operating Superior
For the Accounting Period: 8/09

Page: 1 of 2
Report ID: AP300

Claim Checks

Check #	Type	Vendor #/Name	Check Amount	Date Issued	Period Redeemed	Claim #	Claim Amount
1663	S	1 A-1 ALARM SYSTEMS	100.00	08/17/09	8/09	CL 5936	100.00
1664	S	27 BRIGHT HOUSE NETWORK	86.81	08/17/09	8/09	CL 5937	86.81
1665	S	29 CITRUS COUNTY BOCC	196.02	08/17/09	8/09	CL 5935	196.02
1666	S	67 EASY WHEELS	113.85	08/17/09	8/09	CL 5934	113.85
1667	S	211 RING POWER CORPORATION	272.26	08/17/09	8/09	CL 5931	196.56
						CL 5932	75.70
1668	S	148 SOUTHERN ANALYTICAL LABORATORIES, INC	30.00	08/17/09	8/09	CL 5933	30.00
1669	S	150 EMBARQ	400.34	08/17/09	8/09	CL 5939	263.24
						CL 5940	137.10
1670	S	291 ARAMARK REFRESHMENT SERVICES	46.00	08/24/09	8/09	CL 5949	46.00
1671	S	27 BRIGHT HOUSE NETWORK	111.52	08/24/09		CL 5952	111.52
1672	S	48 CUSTOM METAL FABRICATORS	19.00	08/24/09	8/09	CL 5954	19.00
1673	S	80 FLORIDA PEST CONTROL & CHEMICAL CO.	81.00	08/24/09	8/09	CL 5951	81.00
1674	S	98 HOMOSASSA TIRE	1119.00	08/24/09	8/09	CL 5950	1119.00
1675	S	186 MCDONALD GROUP INTERNATIONAL, INC.	2837.50	08/24/09		CL 5942	2437.50
						CL 5943	400.00
1676	S	234 SUNTRUST LOAN PAYMENT	20578.75	08/24/09		CL 5953	20578.75
1677	S	171 WALMART COMMUNITY	654.17	08/24/09	8/09	CL 5791	109.00
						CL 5792	320.46
						CL 5827	16.27
						CL 5830	50.32
						CL 5837	26.92
						CL 5857	22.08
						CL 5948	109.12
1678	S	36 CENTRAL MATERIALS CO	61.80	08/24/09	8/09	CL 5957	61.80
1682 *	S	122 NEXTEL COMMUNICATIONS	607.14	08/27/09		CL 5983	607.14
1683	S	157 SUNTRUST BANKCARD, N A	2210.22	08/27/09		CL 5824	5.54
						CL 5825	7.00
						CL 5826	51.95
						CL 5828	21.57
						CL 5829	87.88
						CL 5831	2.58
						CL 5883	305.91
						CL 5908	499.00

09/30/09
09:06:09

HOMOSASSA SPECIAL WATER DISTRICT
Check Register for 101050-Cash In Bank Operating Superior
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Claim Checks

Check #	Type	Vendor #/Name	Check Amount	Date Issued	Period Redeemed	Claim #	Claim Amount
1683	S	157 SUNTRUST BANKCARD, N A	2210.22	08/27/09		CL 5919	90.00
						CL 5944	309.31
						CL 5970	33.08
						CL 5973	92.90
						CL 5975	86.19
						CL 5978	159.98
						CL 5979	109.99
						CL 5980	190.59
						CL 5981	35.97
						CL 5982	15.79
						CL 5984	40.00
						CL 5985	64.99
1684	S	999999 CHERYL & GEOFFREY SCHNAKE	3.00	08/27/09		CL 5992	3.00
1685	S	999999 CURTIS R WHITE	24.80	08/27/09		CL 5989	24.80
1686	S	999999 DOUGLAS SIMMS	0.70	08/27/09		CL 5990	0.70
1687	S	100 HOMOSASSA SPECIAL WATER	650.00	08/27/09	8/09	CL 5986	650.00
1688	S	999999 JACQUELYN COOPER	11.90	08/27/09		CL 5987	11.90
1689	S	999999 MAXWELL BATTLE	24.75	08/27/09		CL 5991	24.75
1690	S	999999 SWANNA LEANNA FLINN	34.75	08/27/09		CL 5993	34.75
1691	S	999999 THE GATHERING PLACE	21.45	08/27/09		CL 5994	21.45
1692	S	999999 THE GATHERING PLACE	26.25	08/27/09		CL 5988	26.25
Total for Claim Checks			30322.98				
Count for Claim Checks				27			
# of Checks:	27	Total:	30322.98				

09/30/09
09:05:23

HOMOSASSA SPECIAL WATER DISTRICT
Check Register for 101050-Cash In Bank Operating Superior
For the Accounting Period: 9/09

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Claim Checks

Check #	Type	Vendor #/Name	Check Amount	Date Issued	Period Redeemed	Claim #	Claim Amount
1693	M	110 LINDA M. COOPER	300.00	09/01/09		CL 6010	300.00
1694	S	29 CITRUS COUNTY BOCC	153.01	09/01/09		CL 6007	153.01
1695	S	33 COMMERCIAL SOLID WASTE ASSESSMENT	61.55	09/01/09		CL 5997	61.55
1696	S	150 EMBARQ	254.23	09/01/09		CL 6000	130.00
						CL 6001	41.86
						CL 6002	38.13
						CL 6003	44.24
1697	S	274 IN TOUCH COMMUNICATIONS	95.00	09/01/09		CL 6006	95.00
1698	S	117 MISTER MOWER	19.97	09/01/09		CL 5996	19.97
1699	S	151 STEVEN SIBEL	100.00	09/01/09		CL 5998	100.00
1700	S	159 SUNSTATE METER & SUPPLY	1580.16	09/01/09		CL 6008	1580.16
1701	S	179 W R E C	2507.10	09/01/09		CL 6005	2507.10
1702	S	173 WASTE MGMT OF CENTRAL FL	131.57	09/01/09		CL 6004	131.57
1703	S	50 DEPARTMENT OF ENVIRONMENTAL PROTECTION	100.00	09/01/09		CL 6012	100.00
1704	S	1 A-1 ALARM SYSTEMS	100.00	09/10/09		CL 6029	100.00
1705	S	262 AFFORDABLE BILLING SOLUTIONS	476.64	09/10/09		CL 6025	476.64
1706	S	10 AIRGAS	54.25	09/10/09		CL 6017	54.25
1707	S	278 ALL AMERICAN AUTO SERVICE	1052.65	09/10/09		CL 6026	480.00
						CL 6027	514.15
						CL 6028	58.50
1708	S	48 CUSTOM METAL FABRICATORS	8.80	09/10/09		CL 6014	8.80
1709	S	182 DENISE A LYN, P.A.	762.50	09/10/09		CL 6021	762.50
1710	S	96 HOME DEPOT CREDIT SERVICES	528.73	09/10/09		CL 5905	99.64
						CL 5920	274.28
						CL 5965	33.95
						CL 5966	29.97
						CL 6032	90.89
1711	S	107 KANE'S ACE HARDWARE	571.66	09/10/09		CL 5906	40.10
						CL 5907	132.22
						CL 5913	31.98
						CL 5914	70.47
						CL 5915	23.59
						CL 5916	90.98

09/30/09
09:05:24

HOMOSASSA SPECIAL WATER DISTRICT
Check Register for 101050-Cash In Bank Operating Superior
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Claim Checks

Check #	Type	Vendor #/Name	Check Amount	Date Issued	Period Redeemed	Claim #	Claim Amount
1711	S	107 KANE'S ACE HARDWARE	571.66	09/10/09		CL 5961	8.58
						CL 5962	77.32
						CL 5964	59.75
						CL 6033	9.08
						CL 6034	5.84
						CL 6035	3.29
						CL 6036	18.46
1712	S	132 PROGRESS ENERGY FLORIDA	11.99	09/10/09		CL 6024	11.99
1713	S	211 RING POWER CORPORATION	1450.00	09/10/09		CL 6013	1450.00
1714	S	141 S A C ENVIRONMENTAL	121.00	09/10/09		CL 6020	121.00
1715	S	148 SOUTHERN ANALYTICAL LABORATORIES, INC	90.00	09/10/09		CL 6018	45.00
						CL 6019	45.00
1716	S	156 SUNSHINE STATE ONE CALL	86.16	09/10/09		CL 6015	86.16
1717	S	159 SUNSTATE METER & SUPPLY	131.62	09/10/09		CL 6030	131.62
1718	S	296 TRANSMONTAIGNE PRODUCT SERVICES, INC	1949.60	09/10/09		CL 6031	1949.60
1719	S	167 USA BLUEBOOK	116.83	09/10/09		CL 6022	116.83
1720	S	179 W R E C	194.41	09/10/09		CL 6016	194.41
1721	S	248 BUCK & BUCK	235.95	09/10/09		CL 6038	235.95
1724 *	S	7 ADVANCE AUTO PARTS	204.17	09/14/09		CL 5918	12.99
						CL 5923	18.17
						CL 5955	28.96
						CL 5959	29.98
						CL 5960	70.52
						CL 6047	24.59
						CL 6048	18.96
1725	S	23 BLUE CROSS/BLUE SHIELD OF FLORIDA	8541.90	09/14/09		CL 6042	8541.90
1726	S	27 BRIGHT HOUSE NETWORK	89.95	09/14/09		CL 6044	89.95
1727	S	117 MISTER MOWER	49.85	09/14/09		CL 6041	49.85
1728	S	132 PROGRESS ENERGY FLORIDA	18.77	09/14/09		CL 6045	18.77
1729	S	159 SUNSTATE METER & SUPPLY	1531.55	09/14/09		CL 6043	830.29
						CL 6046	701.26

09/30/09
09:05:24

HOMOSASSA SPECIAL WATER DISTRICT
Check Register for 101050-Cash In Bank Operating Superior
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Claim Checks

Check #	Type	Vendor #/Name	Check Amount	Date Issued	Period Redeemed	Claim #	Claim Amount
1730	S	107 KANE'S ACE HARDWARE	69.73	09/14/09		CL 6050	34.13
						CL 6051	35.60
1731	S	27 BRIGHT HOUSE NETWORK	86.81	09/14/09		CL 6052	86.81
1732	S	150 EMBARQ	401.37	09/14/09		CL 6054	137.10
						CL 6055	264.27
1733	S	72 FEI-TAMPA, WATERWORKS #044	137.20	09/14/09		CL 6053	137.20
Total for Claim Checks			24376.68				
Count for Claim Checks			39				
# of Checks:	39	Total:	24376.68				

04 SEP 2009

Homosassa Special Water District
PO Box 195
Homosassa, FL 34487

Ref: July and August 2009 water use at 5775 S. Kingdom Terrace
HSWD Account No. 02039-00

Attn: HSWD Board

This memo is written to request consideration for reduction of my water use billing for July and August 2009. My home at 5775 South Kingdom Terrace was not occupied those months. Upon receiving my August bill for 13,000, I had the neighbor check for water leaks. He found a leak on the house side of the meter in my supply line, and shut off the water. A plumber has been engaged to fix the leak.

You can see that my normal monthly water use is significantly lower than the July and August amounts.

Thank you in advance for your consideration.

Sincerely,



Bob Brossart

Residence: Robert C. Brossart
5775 S. Kingdom Terrace
Homosassa, FL 34487
Cell phone 863.712.5212
Home phone 352.621.5514 (Homosassa)
Home phone 863.646.9278 (Lakeland)

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM
CUSTOMER WATER READINGS

HOMOSASSA WATER DISTRICT
16:12:17 - 09/08/2009

Customer Name: BROSSART, ROBERT C
Account: 02039-00
Route - Meter: 06-10670
Service Address: 5775 S KINGDOM TERR
Mtr Id - Type - Size: 90484867 M

From 9-2008 to 9-2009

5/8

Meter Serial #:

(Readings in Actual Units)

AP-Year	Reading	Reading Date	Monthly Usage	YTD Usage	Reading Type
08-2009	423000	08/18/2009	13000	23000	ACTUAL READING
07-2009	410000	07/21/2009	7000	10000	ACTUAL READING
06-2009	403000	06/22/2009	0	3000	ACTUAL READING
05-2009	403000	05/19/2009	0	3000	ACTUAL READING
04-2009	403000	04/21/2009	1000	3000	ACTUAL READING
03-2009	402000	03/17/2009	0	2000	ACTUAL READING
02-2009	402000	02/17/2009	1000	2000	ACTUAL READING
01-2009	401000	01/20/2009	1000	1000	ACTUAL READING
12-2008	400000	12/16/2008	0	5000	ACTUAL READING
11-2008	400000	11/17/2008	0	5000	ACTUAL READING
10-2008	400000	10/21/2008	1000	5000	ACTUAL READING
09-2008	399000	09/23/2008	0	4000	ACTUAL READING

September 14, 2009

TO - HOMOSASSA WATER BOARD

FROM - SACKEE WATERS

Re: Water Bill Adjustment

Acct # 00340-00


I RECENTLY NOTICED MY WATER BILLS WERE
GOING UP, THE BILLS FOR JUNE, JULY AND
AUGUST WERE HIGHER THEN USUAL.

I CALLED MY PLUMBER AND HE FOUND A
LEAK AND REPAIRED IT.

PLEASE ADJUST MY SEPTEMBER WATER BILL
TO REFLECT THE ADDITIONAL CHARGES MADE
IN JUNE, JULY AND AUGUST.

THANK YOU IN ADVANCE FOR YOUR HELP AND
THANK YOU FOR THE SERVICE YOU GIVE.

Sincerely,


(Sackee)

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM
CUSTOMER WATER READINGS

HOMOSASSA WATER DISTRICT

10:33:41 - 09/15/2009

Customer Name: WALTERS, JACQUELYN
Account: 00360-00
Route - Meter: 01-17535 **From 9-2008 to 9-2009**
Service Address: 8859 W WHITE DOGWOOD DR
Mtr Id - Type - Size: 94939158 M 5/8

Meter Serial #:**(Readings in Actual Units)**

AP-Year	Reading	Reading Date	Monthly Usage	YTD Usage	Reading Type
08-2009	589000	08/18/2009	32000	76000	ACTUAL READING
07-2009	557000	07/21/2009	20000	44000	ACTUAL READING
06-2009	537000	06/22/2009	9000	24000	ACTUAL READING
05-2009	528000	05/19/2009	3000	15000	ACTUAL READING
04-2009	525000	04/21/2009	4000	12000	ACTUAL READING
03-2009	521000	03/17/2009	2000	8000	ACTUAL READING
02-2009	519000	02/17/2009	2000	6000	ACTUAL READING
01-2009	517000	01/20/2009	4000	4000	ACTUAL READING
12-2008	513000	12/16/2008	3000	32000	ACTUAL READING
11-2008	510000	11/17/2008	1000	29000	ACTUAL READING
10-2008	509000	10/21/2008	4000	28000	ACTUAL READING
09-2008	505000	09/23/2008	2000	24000	ACTUAL READING

09/17/09
12:46:00

HOMOSASSA SPECIAL WATER DISTRICT
Budget Income Statement - Fund 10
For Accounting Period 8/09

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Fund: 10 GENERAL FUND

	Current Month	Budget Current Month	Variance	Current YTD	Budgeted YTD	Variance
REVENUES:						
400010 Tax Assessments	16,697	32,196	-15,498	371,693	354,156	17,536
409000 Interest Income	7	150	-142	318	1,650	-1,331
Total Revenue	16,704	32,346	-15,641	372,012	355,806	16,205
EXPENDITURES						
110 Salaries and Wages	1,000	1,000	0	11,000	11,000	0
140 Payroll Taxes - FICA/MC	76	77	-0	841	841	0
143 Employee Retirement	165	165	0	1,818	1,818	-0
320 Engineer Fees	0	417	-417	4,820	4,583	236
330 Legal Fees	0	833	-833	8,625	9,166	-541
340 Audit Fees	0	1,167	-1,167	14,200	12,833	1,366
450 Miscellaneous Expenses	0	0	0	0	0	0
491 Bank Charges	338	0	338	1,909	0	1,909
493 District Election Expense	0	0	0	0	0	0
494 Tax Collection and Assessment	0	1,250	-1,250	13,637	13,750	-112
701 Contribution to Water Revenue	0	0	0	0	0	0
820 Transfers to Other Funds	0	0	0	0	0	0
Total Expenses	1,580	4,909	-3,328	56,851	53,993	2,858
Net Income from Operations	15,124	27,437	-12,312	315,160	301,813	13,346
OTHER REVENUE						
410000 Miscellaneous Income	0	208	-208	3,701	2,291	1,410
Total Other Revenue	0	208	-208	3,701	2,291	1,410
Net Income	15,124	27,645	-12,520	318,861	304,105	14,756

09/17/09
12:46:17

HOMOSASSA SPECIAL WATER DISTRICT
Budget Income Statement - Fund 52
For Accounting Period 8/09

Page: 1

Fund: 52 WATER FUND

	Current Month	Budget Current Month	Variance	Current YTD	Budgeted YTD	Variance
<hr/>						
REVENUES:						
401000 Water Sales	68,358	72,500	-4,141	757,037	797,500	-40,462
402000 Non-Payment Fees	610	0	610	3,688	0	3,688
402500 Connection Fees	170	183	-13	1,930	2,016	-86
403000 Water Meter Sales	0	667	-667	13,260	7,333	5,926
404000 Late Penalties	917	833	84	9,630	9,166	464
407000 Special Assessment Income - Prin	0	0	0	0	0	0
408000 Interlocal Fee	132	413	-280	1,268	4,546	-3,278
409000 Interest Income	393	5,000	-4,606	16,128	55,000	-38,871
Total Revenue	70,582	79,596	-9,013	802,942	875,563	-72,620
EXPENDITURES						
110 Salaries and Wages	32,064	32,726	-661	361,496	359,985	1,511
111 Regular OT	1,276	2,146	-869	22,042	23,604	-1,561
112 Old Homosassa OT	0	0	0	0	0	0
113 On Call Pay	200	221	-21	2,400	2,429	-29
114 Vacation Time Paid	0	0	0	0	0	0
115 Longevity Pay	0	529	-529	5,350	5,820	-470
WAGES & SALARIES SUBTOTAL	33,540	35,622	-2,081	391,289	391,839	-549
140 Payroll Taxes - FICA/MC	2,565	3,083	-517	29,933	33,916	-3,983
143 Employee Retirement	3,469	3,622	-152	39,753	39,844	-91
144 Group Insurance	6,771	6,083	688	70,380	66,916	3,463
335 Technical Support	0	167	-167	0	1,833	-1,833
350 Insurance	0	7,500	-7,500	60,164	82,500	-22,336
351 Utilities	6,946	4,583	2,363	43,931	50,416	-6,485
352 Advertising	0	67	-67	10	733	-722
410 Gas & Oil	2,144	3,333	-1,188	19,367	36,666	-17,298
420 Repairs and Maintenance	3,530	3,000	530	48,485	33,000	15,485
450 Miscellaneous Expenses	2,438	417	2,021	4,934	4,583	350
451 Uniforms	0	217	-217	917	2,383	-1,466
452 Water Samples	151	375	-224	3,214	4,125	-910
455 Schooling & Related Expense	580	500	80	5,375	5,500	-124
456 Safety Program	86	125	-38	182	1,375	-1,192
457 Conservation Program	0	250	-250	0	2,750	-2,750
458 Annual Dues	6,357	1,333	5,024	14,472	14,666	-194
459 Supplies - Miscellaneous	273	250	23	2,612	2,750	-137
470 Office Supplies & Expense	2,921	2,917	4	28,607	32,083	-3,475
480 Field Supplies	6,798	5,417	1,381	48,979	59,583	-10,603
485 Shipping and Freight	275	342	-67	2,265	3,758	-1,492
490 Late Fees & Charges	-10	0	-10	36	0	36
491 Bank Charges	218	83	135	3,488	916	2,571
492 Discounts Allowed	0	0	0	0	0	0
Total Expenses	45,519	43,664	1,855	427,111	480,303	-53,191
Net Income from Operations	25,062	35,932	-10,869	375,830	395,260	-19,429
OTHER REVENUE						
410000 Miscellaneous Income	55	1,625	-1,569	3,521	17,875	-14,353
410500 Restitution Income	240	0	240	1,009	0	1,009
411000 Contribution from General	0	0	0	0	0	0
Total Other Revenue	295	1,625	-1,329	4,531	17,875	-13,343
Net Income	25,358	37,557	-12,198	380,362	413,135	-32,772

Staff Report

September 21, 2009

1) 7- A) Write Off's By Collections Unlimited

Enclosed you will find a report of the Accounts that have been in collections with Collections Unlimited. At this time I am recommending to the Board that these be written off as they have had no response from any of these customers. The total amount to be written off is \$1,596.88. As you will see on this report there are 4 accounts that we are writing off for customers that have current accounts with us, however, they are at a different location.

2) 7-B) Write Off's to small to go to Collections

Enclosed you will find a report of the Accounts that have balance's to small to go to collections. At this time I am recommending to the Board that these be written off. The total is \$110.80.

3) 7-C) Accounts being sent to Collections Unlimited

Enclosed you will find a report of the Accounts that will be sent to Collections Unlimited. On this list there is one customer who is a current customer with us, again like above their current account is at a different location.

I guess the question that I have to the Board is now whenever the Board writes off an account for a Bad Debt, we have an ongoing list of these customers that is checked when a new application for service is established. This is to make sure that the customer does not owe the District money. If they do, that debt must be cleared before the new account can be activated. Is there anything that can be done for the write offs that you are doing this month for those customers that have existing current accounts with us. The current accounts that they have with us are for different service locations than the locations of the write offs.

4) Bank Information

Attached is the monthly report for the current accounts for the District.

New C.D. Rate Information

I have received a quote from Superior Bank for a C.D. in the amount of 250,000 under their CDAR program (where they shop out the funds) the rates I have been quoted are:

18 month CD 1.75%

12 month CD 1.50%

These rates are good through Wednesday September 23, 2009.

5) 7-E) Procedures:

This is an item that the Auditors recommended that the Board implement. At this time this is a very generic listing of the procedures that accompanies each position title. I would like to develop this further once the Auditors have had a chance to review.

6) 7-F) Web Site Hosting & Design:

At last month's meeting we discussed with the Board the web hosting through Nature Coast Web Design & Marketing. At that time the Board asked that we research this further to see if we could get any other proposals. I am waiting on a proposal from Integrity Consulting Group. I should receive an email from them on Friday. If I receive this I will forward the email to you so you can review prior to the meeting on Monday. Their web site, if you would like to look at some sites they have developed is: www.neticg.com.

Year End Audit:

I have spoken with McDirmit Davis and they have scheduled our year-end audit for Tuesday & Wednesday, October 19th and 20th.

Rate Increase:

The new rate increase will take effect with the bill that goes out at the end of this month. Reading period of August 23rd to September 22nd, bill due October 25th. Would you like for us to add a statement on the bill about the rate increase or would you like an insert added to the bill?

Accounts to be written off
Per Collections Unlimited

Account #	Name	Service Address	Amount Due	Date sent to Collections	Current Customer
00156-02	Mohammed Ali	8240 Ox Eye Pl	\$90.80	Dec-08	
02145-01	Deborah Dyer	8750 Beagle Dr	\$93.53	Mar-09	
00412-04	Barbara Elam	2333 Tennyson Point	\$32.45	Sep-08	
00447-01	Debra Green	8570 Longfellow St	\$88.05	Sep-08	
01718-02	Chris Hilton	10803 Misty Rose	\$87.39	Mar-09	*
01719-02	Chris Hilton	10800 Misty Rose	\$58.10	Mar-09	*
01720-02	Chris Hilton	10780 Misty Rose	\$93.88	Mar-09	*
01752-01	Crystal Huggins	10770 W Oliver St.	\$136.53	Jul-09	*
00654-04	Randy Lacy	5024 Prices Point	\$27.75	Jul-09	
00431-10	Staci Masukevich	2381 Sandburg Point	\$129.10	Sep-09	
02394-03	Roland Murphy	6273 Westview Dr	\$70.00	Mar-09	
01525-03	Jimmy Nash	10178 W Central Dr	\$132.48	Dec-09	
00964-05	Carrinne Price	5318 Running Brook Dr	\$64.75	Mar-09	
00076-08	Philip Reed	10247 W Yulee Dr	\$168.25	Dec-09	
00447-02	Rodney Rehberg	8570 Longfellow St	\$71.50	Mar-09	
00493-03	Remember When	4150 Suncoast Blvd	\$60.12	Apr-09	
00265-03	Rumzy, Inc	3861 Suncoast Blvd	\$126.92	Apr-09	

Accounts to be written off
Per Collections Unlimited

Account #	Name	Service Address	Amount Due	Date Sent to Collections	
00348-03	Paul Strong	8865 Harbor Lane	\$65.28	Dec-09	
		Total	\$1,596.88		

Accounts to small to send to collections

Account #	Name	Service Address	Amount Due	
00076-10	Mike Sims	10247 W Yulee Dr	\$13.75	
00118-07	Posner Center BP	4205 S Suncoast Blvd	\$5.70	
00210-02	Thomas Cassella	9889 W Halls River Rd	\$25.00	
00473-02	Allison Lathrop	3257 S Canadian Way	\$16.85	
00801-01	Gulf to Lake Assoc.	11309 Riverhaven Dr	\$14.00	
01706-04	Kathleen Ostrowski	5640 S Parkhill Way	\$12.00	
02185-06	George Reynolds	11626 W North Pl	\$23.50	
		Total	\$110.80	

Accounts to be sent to collections

Account #	Name	Service Address	Amount Due	Current Customer
00087-04	Trisha Evans	5274 James Terrace	\$63.25	
02291-08	Jason Roth	5905 Mason Creek Dr	\$134.95	
1706	Jeremiah Burkholder	5640 S Parkhill Way	\$64.70	
01744-01	Frances Stafford	10738 Woodland Pl	\$46.35	*
01765-06	Gary Fisher	5526 Bablan Terr	\$96.25	
01533	Dominic Dicarlio	5275 S Elm Ave	\$88.21	
01275-01	Thomas Swindel	4092 S Roosevelt Dr	\$119.71	
00317-02	Johnson Pontiac	3029 S Suncoast Blvd	\$184.30	
00298-03	Steve Coffman	3260 S Michigan Blvd	\$77.20	
00265-04	Posner Center QP	3861 S Suncoast Blvd	\$43.05	
00107	Terry Feucht		\$130.30	
		Total	\$1,048.27	

Banking Information as of
August 31, 2009

Bank	Account	Balance	Interest	Maturity Date	Monthly Interest	Accrued Int. to Date	
Superior Bank	Operating Acct	\$111,942.43					
Superior Bank	Meter Deposit	\$30,520.74					
Government Pool Fund A	Water Revenue	\$1,010,041.74	0.41%		\$379.76		
Government Pool Fund A	General Fund	\$21,127.47	0.41%		\$7.54		
Government Pool Fund B	Water Revenue	\$82,060.40					
Government Pool Fund B	General Fund	\$818.56					
Regions Bank	C.D.	\$250,000.00	2.47%	6/18/2010	\$514.29	\$3,595.14	
Mercantile Bank	C.D.	\$250,000.00	1.65%	5/23/2010	\$398.93	\$2,338.93	
Brannen Bank	C.D.	\$250,000.00	2.18%	5/22/2010	\$390.35	\$1,376.22	
Superior Bank	C.D.	\$250,000.00	2.00%	5/20/2010	\$383.56	\$1,253.97	
***** The interest earned at Regions Bank is accrued daily paid quarterly.							
***** The interest earned at Brannen Bank is accrued daily paid monthly.							
***** The interest earned at Superior Bank is accrued daily paid quarterly.							
***** The interest earned at Mercantile Bank is accrued daily paid monthly							

Job Title Descriptions:

Office Utilities Specialist (Accounts Receivable)

Daily:

Process payments (mail & walk in)
Prepares & closes service orders as needed
Prepare daily bank deposit
Balance daily reports
Set up new accounts (as needed)
Handles customer's on phone and in person
Enters Invoices and prepares checks when needed

Monthly:

Prepares and processes Auto Draft
Prepares and processes customer late fees and late notices
Enters meter reading for billing
Prepares and sends readings to Citrus County Utilities for Sewer customers
Maintains Field Inventory (inventory in and out)
Runs End of Month Reports
Prepares Shut off List for the monthly Board meeting
Prepares Board Meeting Packets (as needed)
Will sit in on web training from Black Mountain Software when classes are available

Yearly:

Handles the Records Retention for the District

As Needed:

Is able to help in the field as needed by the Foreman to Flag Traffic or help with monthly meter reading.

Any other duties that are needed by the Superintendent or Office Manager.

Has attended and received certificates for:

Traffic Zone and Safety
Records Retention
Microsoft Office Excel

Office Utilities Specialist (Accounts Payable)

Daily:

Pick up mail at Post Office
Verifies daily bank deposits
Prepares & closes service orders as needed
Enters Invoices & Prepares checks
Prepares Payroll (15th and end of month)
Prepares and files all reports, taxes, retirement and 457 contributions
Processes payments (mail & walk in as needed)
Set up new accounts as needed
Handles customers on the phone and in person
Handles any Workman's Compensation Claims
Maintains Backflow records

Monthly:

Prepares monthly billing and finalizing customer accounts
Runs all reports for monthly billing
Attends and transcribes all Board meeting minutes
Will sit in on web training from Black Mountain Software when classes are available
Will test backflow units as needed
Maintains all Payroll Spreadsheets (calendar year and fiscal year)
Maintains Overtime Spreadsheets
Prepares reports for Board meetings, (overtime report and Past Dues mailed)
Prepares Board Meeting Packets
Enters monthly meter readings

Every 3 Years:

Handles all the Lead & Copper testing and reporting to DEP

As Needed:

Is able to help in the field as needed by the Foreman to Flag Traffic or help with monthly meter reading.

Any other duties that are needed by the Superintendent or Office Manager.

Has attended and received certificates for:

Traffic Zone and Safety
Records Retention

Microsoft Office Excel
Backflow Testing & Certification

Utility Technician:

Daily:

Complete service orders
Completes line locates as needed
Meter installation as needed
Leak Repair as needed
Required to take weekly call for after hour emergencies
Handles the day to day operation of the Distribution system

Monthly:

Meter reading
Flushing program of water lines
Flushing program for District Fire Hydrants
Installation of Water Lines and Hydrants as needed
Testing & Repairing of Backflow devices

Any other duties that are needed by the Foreman or the Superintendent

Plant Operator:

Performs all duties as listed above with the Utility Technician
Read and maintain the Water Plants as needed
Read and maintain the Water Plants once a month (weekends) when on call

Lead Plant Operator:**Daily:**

Daily operation of wells
Sample Daily
Chlorinate Plants
Record keeping of all Plant activity (flow charts and water loss)
Handles all Water Quality complaint service orders

Monthly:

Handles all reports to Department of Environmental Protection
Handles all reports to Southwest Florida Water Management District
Handles all aspects of Monthly Sampling
Additional sampling as needed

Handles all surveys and inspections with DEP as needed.

Any other duties as needed by the Foreman and or Superintendent



Homosassa Special Water District Web Site Proposal

July 17, 2009

Web Site Hosting	\$150/year (non profit rate, normally \$250/year)
Web Re-Design	\$750 (one-time-fee)

Web site redesign includes:

New design and more professional look. Maintain easy navigation layout for customers to easily find what they are looking for, add a site map to help with this. Contact info and email link will be built into the header of every page. Navigation will be designed with future expansion in mind so you can easily add more content to the site in the future without it requiring a redesign again.

All pages will have a new and consistent look and layout.

The following pages will be self updatable and password protected; Meeting Agendas, Meeting Minutes, News, Current Projects. These pages will be custom created for you to be able to upload the content yourself with no recurring maintenance fees.

The other pages are more static and require little if any updating. (if this is wrong and there are other pages that need to be updated let me know and we will adjust the proposal accordingly.

All pages will include keyword-rich and unique title metatags and description metatags for the search engines..

\$450 - 50% deposit to start project.

\$450 - 50% balance due upon completion

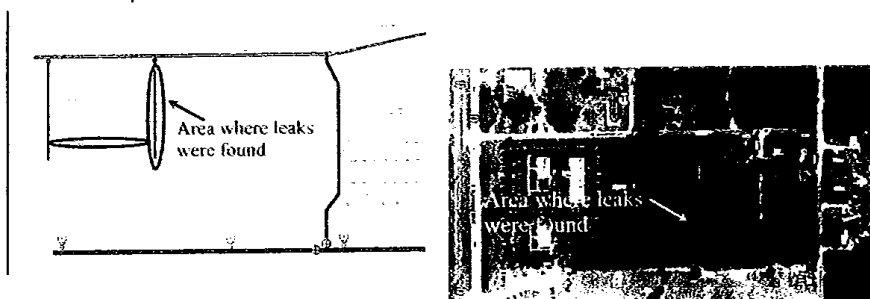
Future changes, if requested are billed at \$50/hour for non-profits (regular rate is \$75/hour) If you save up a few changes and send them at one time you can save money on these types of updates. There is a \$25 minimum fee for changes.

Steve Tallman, President
Nature Coast Web Design and Marketing, Inc.
Winner Best of the Best - Web Design
6791 N. Khyber Ave., Dunnellon, FL 34433
office 352-795-8046 | cell 352-804-6353
www.NatureCoastDesign.net/portfolio.html

Superintendent's Report

9/21/09

- 1.) Water Loss: Over the July meter reading period we had a 19.5% water loss. Over the August meter reading period we had a 19.4% water loss. We also repaired some 25 system side leaks during these periods. May and June were 14 and 13% respectively. There was a major operational difference during each of these two month periods. During both periods the elevated tank was isolated from the system. During the May and June period both Norin and Bradshaw wells were turned off as we upgraded the pressure sensors at both sites. During July and August the wells were back on line. What I believe is happening is that when these two wells turn on and/or off they are introducing water hammer into the system. This hammer is causing the increase in water breaks/leaks in the system. (More on this in the elevated tank report). Thursday (9/16/09) morning we found 3 major breaks in the Crystal River Highlands area which may be the water loss we have been looking for over the last year.



This is the system that we took over from the developer shortly after we acquired Crystal River Highlands from Florida Water. This is the area where we found a leak about a year ago after a large water loss. As this area is undeveloped we have isolated it from the system. Should the area ever be developed we will need to replace this piping.

- 2.) Elevated Tank: Enclosed is a system model report from Mr. McDonald. As we have known, the Elevated tank only adds to the system during the peak months of April and May. Now that the 12 inch main is connected throughout Old Homosassa it is only contributing to the system during peak hours of peak days. This year we have had the tank isolated from the system during the peak months of April and May with no ill effects. But the tank does perform an important function to the system, as when the tank is opened it negates water hammer in the system when Norin and Bradshaw wells operate. The bid opening in Monday's Board meeting is on tank controls that will make the elevated tank a functioning part of the system. Presently the elevated tank floats on system pressure. As pressure from the gravity flow from Peach Orchard is higher than the head pressure of the height of the elevated the water in the tank does not turn over. When the altitude valve at the tank site malfunctions the tank overflows. Norin and Bradshaw wells are presently ran on a timer during peak hours to lessen the chance of them

turning on when the altitude valve is closed (when it is functioning). The new control system will pump the water out of the tank and into the system to keep the water in the tank fresh. We will have the control to turn the water over in the tank on a daily, every other day or weekly basis of our choosing. Once the water is pumped out of the tank a valve will open to refill the tank. After the valve opens a signal will be sent to the Norin and Bradshaw wells to turn on. As the valve to the tank will be open there will be no water hammer effect. Before the tank becomes full, a signal will be sent to turn off the wells. After the wells turn off and the tank becomes full from line pressure (gravity from Peach Orchard) the valve will close. This system will keep the water in the tank turned over, Bradshaw and Norin wells exercised and negate system hammer.

There are other methods to reduce water hammer in the system should the Board decide to eliminate the elevated tank. Hydro-pneumatic tanks could be added to the Bradshaw and Norin well sites. Hydro-pneumatic tanks use an air compressor to provide a cushion of air to absorb water hammer. These tanks are under pressure and have to be inspected on a regular basis. Mr. McDaniel spoke to the Board about these tanks last month. Surge Valves also could be added to the two well sites. Surge valves open and dump (water) when pressure goes over a chosen set point. These valves are much like altitude valves and operate with a pilot valve. We have already installed a slow start motor control on the Bradshaw Well and a time delays on both Norin and Bradshaw to ensure that they do not turn on or off at the same time.

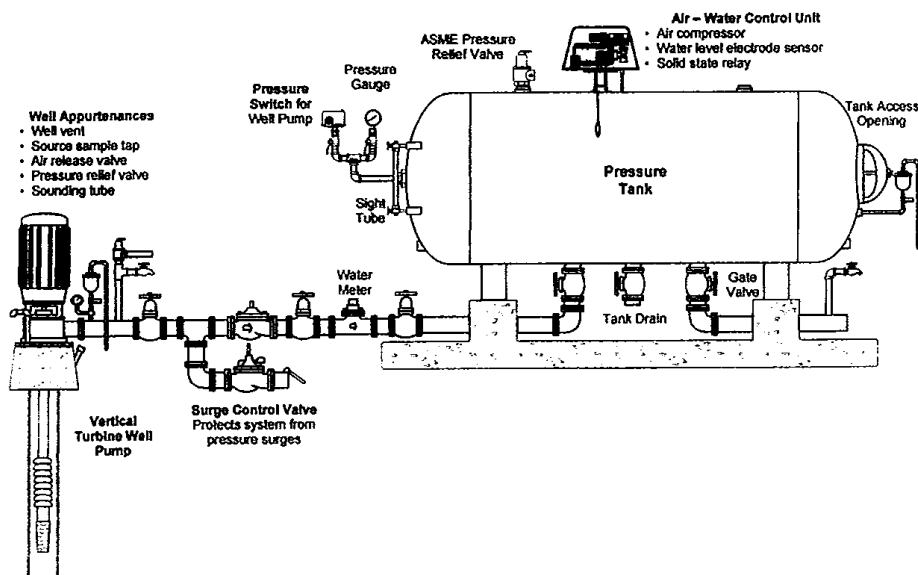
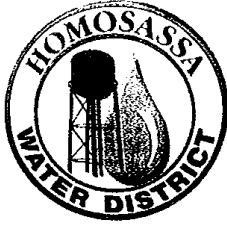


Diagram of Hydro-pneumatic tank and surge valve system.

- 3.) Mickey's Point: Enclosed is a draft letter to Mr. and Mrs. Fields requesting an easement.
- 4.) Beagle Rd. project: Vermeer rock cutter has been repaired and we are continuing construction.
This is a very difficult area and construction is slow.
- 5.) Directional Bore Machine: We are having a demo on a smaller machine (for the replacement of services and smaller lines) on Spring Cove Thursday (9/17/09). Should be able to have a report for the Board meeting.
- 6.) Stonebrook: Survey work and what we have found out. Enclosed are email correspondences with Denise and George.



Homosassa Special Water District

PO Box 195
Homosassa, FL 34487

Business Hours: 7:00 AM - 5:30 PM, Monday - Thursday
Excepting Holidays
Phone (352) 628-3740 hswd@tampabay.rr.com Fax (352) 628-4865

9/22/09

Jack and Melanie Fields
12296 East St.
Clearwater, FL 33762

Dear Mr. and Mrs. Fields,

The Homosassa Special Water District is in the process of upgrading system pipelines to increase volume, pressure and fire flows in the Mason Creek area. Part of this upgrade involves replacing an old two inch water main that serves S. Mickeys Point with a new six and four inch water main. The two inch water main is inadequate to serve the number of residents on Mickeys Pt. and it is aging and in need of replacement. As Mickeys Pt. is a private street, we have acquired easements from the property owners. Currently the two inch water main runs from Garcia down Vatican to Mickey's Pt. We would like run the new water main directly from Mason Creek down Mickey's Pt. In our research, we were not able to find a recorded easement for the section of Mickey's Pt. that crosses your property.

The Homosassa Special Water District is contacting you to see if you would be agreeable to grant a ten foot easement across your property on the west side of the existing street. If agreeable, the District would work with you to ensure that the granting of an easement would have no adverse effects to your property or any future building plans that you may have. The District would cover all the costs involved of the necessary surveying and recording of the easement.

Please feel free to contact me if you have any concerns or questions regarding this request.

Thank you for your consideration

David Purnell, Superintendent
Homosassa Special Water District



MCDONALD GROUP INTERNATIONAL, INC.

C.A.-0007580

GEORGE J. McDONALD, P.E.
WATER, WASTEWATER & ENVIRONMENTAL ENGINEERING

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FAX (352) 637-3679 VOICE (352) 637-1852
E-MAIL: gmcdonald@mcdonaldgroup.com
WEB SITE: www.mcdonaldgroup.com

September 14, 2009

David Purnell, Superintendent
Homosassa Special Water District
PO Box 195
Homosassa, FL 34482

Subject: Effect of Distribution Line Improvements on Operation of Elevated Storage Tank

Dear David;

As requested, I have used our model of the Homosassa Special Water District water distribution model to evaluate the potential effects of the major completed distribution main improvements to this system on the operation of the elevated storage tank. These improvements include the completion of the 12" line on Mason Creek and on Yulee Drive. At issue was whether or not these improvements obviate the need for the use of the tank.

For demand loading, I have used the forecasted demands from the last Capacity Analysis Report that was provided to the Florida Department of Environmental Protection.

A summary of the current and projected system demands are as follows:

	Annual Average Flow - MGD	Max Day MGD	Instant Average Demand - GPM	Peak Hour Demand - GPM
2006	0.864	1.56	600	1799
2011	0.9	1.63	625	1875
2016	1.05	1.90	729	2188

A few comments about these demands are in order. Overall annual demand, given current economic circumstances, is not expected to increase greatly, however, I think some limited growth is possible and the above anticipates modest growth through the year 2016.

For modeling purposes, a maximum day to average day factor of 1.807 was selected after discarding some higher days which were appear to have been due to an isolated line break.

Owing to the fact that water can be supplied to the system from three sources - the elevated tank, the Bradshaw water plant, and the Peach Orchard Water Plant, it is not possible to directly measure the peak hour demand for the system as a whole. However, using the so called "ten states standards" formula for predicting peak hour flows from the population, peak hour demands are estimated to be about three times the annual average demand.

Initially, I loaded the distribution model with a flow of 1234 gpm. This corresponds to a demand that is more than what the system would experience on the average, and is less than what the system might experience during a peak hour demand.

This analysis indicated that all demand could be met from the Peach Orchard plant and the Bradshaw water well. System pressures would be too high to allow water from the elevated tank to drain out by gravity.

On the other hand, under peak hour demands, that is to say, transient maximum flows that may occur during the morning or late afternoon hours, especially during the highest months, system demand would be met by outflow from Peach Orchard, Bradshaw, as well as outflow from the elevated storage tank.

An overview of system wide pressures under the peak hour demands forecasted for 2011 is as follows:



System Pressures, Peak Hour 1875 GPM, Year 2011, Peach Orchard, Bradshaw and Elevated Tank Draining

Basically pressures in the 40-50 psi range would be experienced system wide except in the Riverhaven area, which would see pressure in the 30-40 psi range.

September 14, 2009
HSWD Elevated Tank Operation
Page Three

Overall, we can expect the elevated tank to be offline most of the time except during periods of heaviest use. During those times, it would provide some limited benefit (discharging about 200 gpm). A system however to recirculate water out of the tank during low and average demand times is needed if the tank is kept in service, and is presently out to bid.

The modeling effort does not show directly the effects of certain dynamic issues the District reports experiencing. When the Bradshaw well is turned on at present, water hammer is being detected in the system.

Water hammer results when there is a sudden change in the velocity water is moving in a pipe. When there is a sudden change in water's velocity, there can be a sudden, sharp temporary rise in system pressure as it creates a pressure wave which rapidly moves through the system. If the pressure rise is large enough, it becomes audible as a sound like a hammer striking the pipe. In the District's system, no audible sound is created, but when the Bradshaw well is turned on, a water hammer pressure wave is created when the water in the piping changes velocity from zero feet per minute to several feet per minute when the pump starts. (The model does show velocity in the line from the Bradshaw well increasing from zero to 5.28 fps, which is a fairly high velocity). The water hammer is detected as a sudden temporary rise in pressure at the well head.

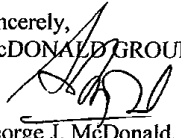
If the pressure wave hits a dead end, it is reflected back. In this case, the pressure wave seems to hit a dead end when the elevated tank is offline. The reflected wave then comes back to the Bradshaw well head, signaling a rise in pressure. The rise in pressure is above the well shut off point, so the well turns off. Pressures fall back with the passing of the wave, and the pump pressure control thinks the well has to be turned on again. So what is happening is the well cycles on and off excessively. (Staff presently handle this manually).

It is reported that when the elevated tank is on line, and not valved off, the water hammer pressure rise seems to pass into the tank and is dissipated into the atmosphere.

Thus the tank provides some benefit in limiting water hammer in the system. (As proposed in the project presently out for bid, there are some controls proposed in the recirculating pump system that will limit the operation of the Bradshaw and Norin wells to only come on when the elevated tank is on line).

I trust this information is sufficient for your purposes, please contact me if you require any further analysis.

Sincerely,
McDONALD GROUP INTERNATIONAL, Inc.



George J. McDonald, P.E.
Principal Environmental Engineer

September 14, 2009
HSWD Elevated Tank Operation
Page Three

Overall, we can expect the elevated tank to be offline most of the time except during periods of heaviest use. During those times, it would provide some limited benefit (discharging about 200 gpm). A system however to recirculate water out of the tank during low and average demand times is needed if the tank is kept in service, and is presently out to bid.

The modeling effort does not show directly the effects of certain dynamic issues the District reports experiencing. When the Bradshaw well is turned on at present, water hammer is being detected in the system.

Water hammer results when there is a sudden change in the velocity water is moving in a pipe. When there is a sudden change in water's velocity, there can be a sudden, sharp temporary rise in system pressure as it creates a pressure wave which rapidly moves through the system. If the pressure rise is large enough, it becomes audible as a sound like a hammer striking the pipe. In the District's system, no audible sound is created, but when the Bradshaw well is turned on, a water hammer pressure wave is created when the water in the piping changes velocity from zero feet per minute to several feet per minute when the pump starts. (The model does show velocity in the line from the Bradshaw well increasing from zero to 5.28 fps, which is a fairly high velocity). The water hammer is detected as a sudden temporary rise in pressure at the well head.

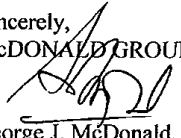
If the pressure wave hits a dead end, it is reflected back. In this case, the pressure wave seems to hit a dead end when the elevated tank is offline. The reflected wave then comes back to the Bradshaw well head, signaling a rise in pressure. The rise in pressure is above the well shut off point, so the well turns off. Pressures fall back with the passing of the wave, and the pump pressure control thinks the well has to be turned on again. So what is happening is the well cycles on and off excessively. (Staff presently handle this manually).

It is reported that when the elevated tank is on line, and not valved off, the water hammer pressure rise seems to pass into the tank and is dissipated into the atmosphere.

Thus the tank provides some benefit in limiting water hammer in the system. (As proposed in the project presently out for bid, there are some controls proposed in the recirculating pump system that will limit the operation of the Bradshaw and Norin wells to only come on when the elevated tank is on line).

I trust this information is sufficient for your purposes, please contact me if you require any further analysis.

Sincerely,
McDONALD GROUP INTERNATIONAL, Inc.

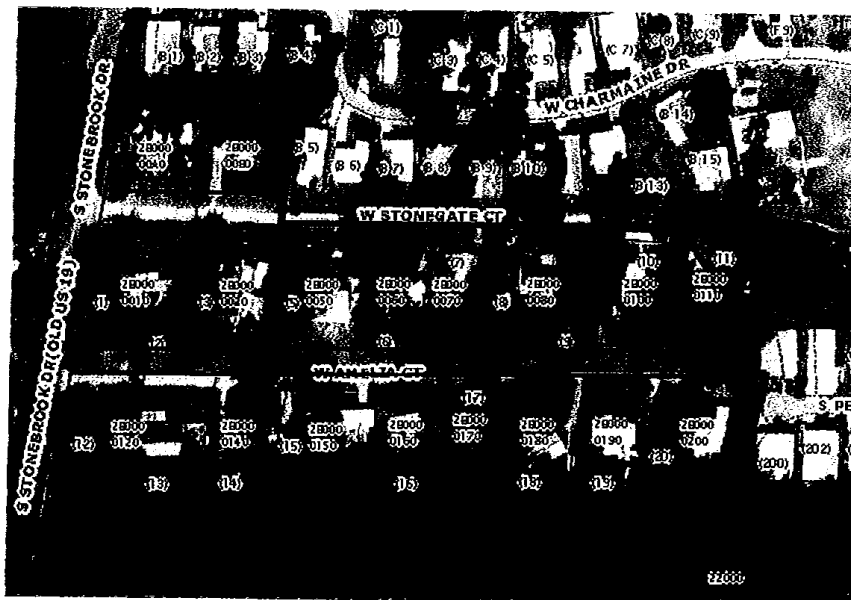


George J. McDonald, P.E.
Principal Environmental Engineer

David Purnell

From: "David Purnell" <dpurnell@tampabay.rr.com>
To: "Denise Lyn" <dlyn@tampabay.rr.com>
Sent: Monday, September 14, 2009 3:11 PM
Subject: Stonebrook easements and right of ways
Hi Denise, this is what we have found out from the survey work,

Amelia Ct. and Stonegate Ct. both have recorded easements as shown in the highlighted areas in the following picture.



The water line is within the easement on Amelia. We don't know where the waterline is located on Stonegate but that should not present a problem as it only serves the two properties on the north side of the street. The water meters are up close to the houses but in the worst case all we would have to do is run a 2" water main in the existing easement.

Stanley & Hull is a little more involved.

9/16/2009



The good news is that both Stanley and Hull have public right of ways and the existing water mains are within the County ROW.



The problem is that the line coming from the existing well crosses property 12000 to get to Stanley and Hull.

9/16/2009



Property 12000 is owned by Mr. Whetstone. Clark Surveying talked with Mr. Whetstone while researching the property and said Mr. Whetstone would grant an easement for the waterlines. I have talked to George McDonald and he is ready to send the permit app. to DEP as soon as we give him the go ahead. I told Mr. McDonald I would pass this information on to you as we will not applying for a permit until we have a signed agreement and a recorded easement for the area in question. Will the owners of the park be willing to contact Mr. Whetstone to aquire the easement? They are the current owners of the water lines.

Thanks,
Dave

9/16/2009

David Purnell

From: "George McDonald" <gmcDonald@mcdonaldgroup.com>
To: "hswd" <hswd@tampabay.rr.com>
Cc: "Larry Clark" <lwc2797@tampabay.rr.com>; "David Purnell" <dpurnell@tampabay.rr.com>
Sent: Monday, September 14, 2009 4:58 PM
Subject: Re: Stonebrook

Just had a thought, if obtaining an easement is not feasible, Hull and Stanley could be served by extending a water line from Stonebrook and Longfellow east along Longfellow and tie up there. The line across the Whetstone property could be abandoned if need be. It looks like it would take 0.46 mile of pipe

George McDonald wrote:

- > Dave I got a call from Larry Clark, he had a recent conversation with
- > Whetstone, and gave me a few more pieces of information
- >
- > 1) He was looking at an older survey of Stonebrook and it conforms with
- > what we see on the property appraiser's parcel map today, i.e., that
- > Stonebrook MHP does not abut Hull or Stanley Streets - there is an
- > intervening parcel between them
- >
- > 2) The water line from the water plant crosses that parcel, Larry
- > thinks he knows where
- >
- > 3) That intervening parcel appears to be owned by Whetstone
- >
- > 4) I am not up to speed on the history here, but Larry thinks
- > Stonebrook was developed by Whetstone, and that its possible that
- > Whetstone was responsible for putting the water lines in from the
- > Stonebrook Water Plant to Hull and Stanley. At that time, all the
- > parcels involved may have been owned by Whetstone
- >
- > 5) His brief call with Whetstone was to the effect that Whetstone is
- > willing to give an easement for the existing water line, but, it seems
- > has some other property he wishes to develop and his willingness to
- > provide an easement is going to be dependent on "having a
- > conversation" about how that other property can be served with water.
- >
- > My own recommendation is to start talking to Whetstone but also get a
- > title search on the intervening parcel to see if by some chance there
- > was some kind of utility easement/encumbrance placed on the property
- > when the parcels were sold and no additional easement is needed (?)
- >
- > Since it is Stonebrook MHP that wants to connect to the District,
- > maybe they need to be responsible for working this out with Whetstone
- > and getting the title work done.
- >
- >

9/16/2009

Shut Off's Done
09-09-09

[illegible]

Number Past Dues Mailed

2001	# Mailed	2002	# Mailed	2003	# Mailed
January	126	January	175	January	183
February	197	February	164	February	198
March	157	March	161	March	158
April	196	April	131	April	154
May	171	May	119	May	203
June	198	June	123	June	157
July	186	July	144	July	158
August	172	August	192	August	166
September	167	September	201	September	176
October	129	October	197	October	115
November	194	November	183	November	169
December	187	December	172	December	164
2004	# Mailed	2005	# Mailed	2006	# Mailed
January	157	January	198	January	187
February	156	February	173	February	193
March	161	March	166	March	170
April	126	April	180	April	193
May	140	May	154	May	140
June	126	June	166	June	175
July	196	July	180	July	177
August	136	August	127	August	156
September		September	184	September	203
October	176	October	185	October	180
November	174	November	169	November	177
December	198	December	191	December	190
2007	# Mailed	2008	# Mailed	2009	# Mailed
January	139	January	130	January	158
February	190	February	133	February	150
March	168	March	124	March	148
April	164	April	105	April	140
May	142	May	140	May	133
June	170	June	136	June	130
July	170	July	126	July	130
August	145	August	168	August	174
September	171	September	120	September	
October	118	October	173	October	
November	247	November	165	November	
December	161	December	162	December	

Monthly Over Time List
8-13-09 to 9-16-09

[illegible]

BLACK MOUNTAIN SOFTWARE UTILITY BILLING SYSTEM

HOMOSASSA WATER DISTRICT

ADJUSTMENTS

For Postdate from 08/01/2009 to 08/31/2009 Ordered by ADJUSTMENT NUMBER from AP and Year 8 - 2009

12:49:07 - 09/17/2009

JOURNAL - Specific

ALL ADJUSTMENT NUMBERS

Type

ALL ACCOUNTS

ADJUSTMENT TYPES: BAD CHECK FEE BILLING CORRECTION CERT. FEE RE-READ

Adjustment Number	Customer Name	Account	Route - Meter	Type	Post Date
Description	Service	Amount			
77288	ELLIOTT, RENEE ~06000009	01813-00	06-11670	RE-READ	
ADJUSTMENT [Re-Read]	WATER			-27.60	08/04/2009
COMMENTS: Misread				Subtotal for Account 01813-00 :	-27.60
77289	SPORTSMAN'S RIVERSIDE	01112-00	02-002810	RE-READ	
ADJUSTMENT [Re-Read]	WATER			199.05	08/05/2009
COMMENTS: meter misread in July				Subtotal for Account 01112-00 :	199.05
77328	GOFF, LARRY OR BARBARA	01241-00	02-000620	BAD CHECK FEE	
ADJUSTMENT	MISC FEES			25.00	08/19/2009
COMMENTS: Bad Check Fee				Subtotal for Account 01241-00 :	25.00
77329	SHIVER, ENNIS	01750-00	04-003690	BAD CHECK FEE	
ADJUSTMENT	MISC FEES			25.00	08/19/2009
COMMENTS: Bad Check Fee				Subtotal for Account 01750-00 :	25.00
77330	SHIVER, ENNIS	01750-00	04-003690	CERT. FEE	
ADJUSTMENT	MISC FEES			5.32	08/19/2009
COMMENTS: Cert Fee				Subtotal for Account 01750-00 :	5.32
77331	VANAMAN, GREGG	00543-00	01-17760	RE-READ	
ADJUSTMENT [Re-Read]	WATER			-4.50	08/20/2009
COMMENTS: Meter misread in July				Subtotal for Account 00543-00 :	-4.50
77333	ARNOLD JR, RAYMOND	00226-00	01-20325	RE-READ	
ADJUSTMENT [Re-Read]	WATER			-15.50	08/20/2009
COMMENTS: meter misread in July				Subtotal for Account 00226-00 :	-15.50
Grand Total of Adjustments:					206.77