

Harris County Municipal Utility District No. 136

OPERATIONS REPORT DECEMBER 2010



**HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 136
MANAGEMENT REPORT**

I. CONNECTIONS

- December 8, 2010 1,083

II. WATER PRODUCTION

- During the calendar month of December, 11,215,000 gallons were purchased from the West Harris County Regional Water Authority.
- The 1-Month water accountability is 100.4%
- Maintenance and repair items in the December invoice included:
 1. Performing the annual infra-red survey at water plant #1.
 2. Inspecting the fluoridation and polyphosphate equipment.
 3. Performing the annual GST inspection.
 4. Purchasing and installing coupling guards on the booster pumps.
- Maintenance and repair items that will be included in future invoices:
 1. Reinstalling the soft start on the well motor.
 2. Installing a new roof on the control room building.

III. WATER DISTRIBUTION

- Maintenance and repair items in the December invoice included:
 1. Replacing concrete after water main repair at Deerfield Village/Heathersage; delivering stabilized sand and assisting with the break out and removal of the extended street.
 2. Replacing 20 meters registering over one million gallons.
 3. Replacing the meter vault lid at 18015 Keith Harrow.
 4. Repairing the remaining water line valves identified in the 2010 survey.
- Maintenance and repair items that will be included in future invoices:
 1. Performing the annual fire hydrant inspection.
 2. Repairing the fire hydrants list in the annual inspection.

IV. SANITARY/STORM SEWER COLLECTION

- Maintenance and repair items in the December invoice included:
 1. Inspecting the grease traps for November 2010.
 2. Performing the Phase 2 point repairs located at 18118 Heaton Drive.
 3. Performing the infrared survey at lift stations #1 and #2.
 4. Making repairs per the annual infra-red surveys at lift stations #1 and #2.
 5. Pulling lift pump #1 at lift station #1 for repairs.
 6. Cleaning lift station #1.
- Maintenance and repair items that will be included in future invoices:
 1. Clearing a blockage in the sanitary sewer line at 18302 Spellbrook Dr.
 2. Replacing a 10" check valve on lift pump #3 at lift station #1.

HARRIS COUNTY MUD #136
CONNECTIONS REPORT
DECEMBER 2010

CONNECTIONS	DEC 08 2010	NOV 08 2010	JAN 08 2010
Occupied Single Family	1,051	1,051	1,053
Vacant Single Family	8	8	6
Multi-Family	0	0	0
Commercial	10	10	10
Builder	0	0	0
Irrigation	13	13	13
Rental Meters	0	0	0
District Meters	1	1	1
TOTAL CONNECTIONS	<u>1,083</u>	<u>1,083</u>	<u>1,083</u>

METER INSTALLATIONS AND INSPECTIONS
NOV 09 - DEC 08

New Taps Installed	0
Sewer Inspections Completed.	0
Builder Inspections Completed.	0
Customer Service Inspections Completed.	0
Net Rental Meter Change.	0

Harris County MUD #136
Regulatory Information
DECEMBER 2010

WASTEWATER TREATMENT

Permitted Average Daily Flow	500,000 GPD / Jackrabbit Rd. PUD
Permit Number	WQ0011290-001
Ownership %	9.80%

WATER SYSTEM

Bacteriological Analysis
The required 4 samples were taken during December-10

TCEQ Chemical Analysis:

Metals	06/01/10
Radio-Chemicals	02/03/10
Volatile Organic Compounds (VOCs)	02/03/10
Minerals	03/04/08
Trihalomethane Gases (THMs)	06/01/10
Haloacetic Acids (HAAs)	06/01/10

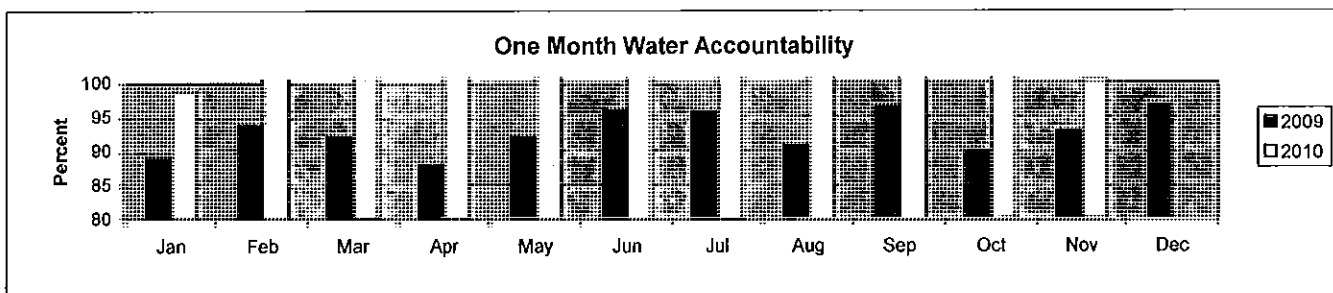
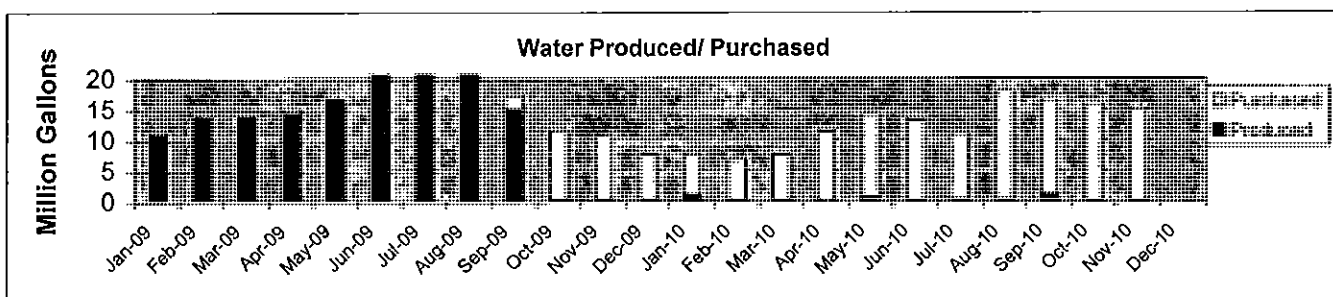
WATER PRODUCTION

Purchased	11,215,000 From WHCRWA
Sold	To
Pumped	0 at Water Plant #1
Pumped	0 at Water Plant #2
Total Supplied	11,215,000
Daily Average	361,774

Harris County MUD #136

Water Production and Accountability Report

Meter Read Date	Produced (MG)	Purchased (MG)	Billed (MG)	Sold (MG)	Unmetered (MG)	Accountability (%)	Four Month Average
01/01/09-01/30/09	11.056	0.000	9.837	0.000	0.003	89.0	92.1
01/31/09-03/03/09	13.706	0.000	12.832	0.000	0.025	93.8	91.9
03/04/09-04/01/09	13.595	0.000	12.491	0.000	0.023	92.0	91.5
04/02/09-05/04/09	14.006	1.024	13.201	0.000	0.017	87.9	90.7
05/05/09-06/01/09	16.527	0.052	15.199	0.000	0.039	91.9	91.4
06/02/09-07/01/09	22.230	7.094	28.105	0.000	0.054	96.0	92.0
07/02/09-07/31/09	26.254	0.000	25.122	0.000	0.002	95.7	92.9
08/01/09-09/01/09	25.950	0.000	23.480	0.000	0.073	90.8	93.6
09/02/09-10/02/09	14.875	2.290	16.496	0.000	0.087	96.6	94.8
10/03/09-11/02/09	0.140	11.375	10.249	0.000	0.090	89.8	93.2
11/03/09-12/01/09	0.037	10.679	9.884	0.000	0.066	92.9	92.5
12/02/09-12/30/09	0.040	7.787	7.565	0.000	0.000	96.7	94.0
12/31/09-01/27/10	0.917	6.757	7.580	0.000	0.000	98.8	94.5
01/28/10-02/26/10	0.000	6.857	7.054	0.000	0.138	104.9	98.3
02/27/10-03/26/10	0.006	7.704	8.318	0.000	0.092	109.1	102.3
03/27/10-04/27/10	0.059	11.380	13.876	0.000	0.092	122.1	108.7
04/28/10-05/26/10	0.642	13.586	16.167	0.000	0.076	114.2	112.6
05/27/10-06/25/10	0.158	13.157	17.499	0.000	0.136	132.4	119.4
06/06/10-07/28/10	0.248	10.725	14.580	0.000	0.000	132.9	125.4
07/29/10-08/27/10	0.174	17.867	20.557	0.000	0.114	114.6	123.5
08/28/10-09/30/10	0.977	15.601	18.479	0.000	0.133	112.3	123.0
10/01/10-10/27/10	0.005	15.959	16.898	0.000	0.094	106.4	116.5
10/28/10-11/30/10	0.000	15.119	14.677	0.400	0.100	100.4	108.4



HARRIS COUNTY MUD #136
DECEMBER 2010

OPERATIONS CHARGES:

1. Operations Fees	3,417.10
2. Water Well	5,431.32
3. Water Distribution	29,919.48
4. Sanitary Sewer Collection	6,645.68
5. Lift Station	2,834.25
6. Administrative Services	1,023.00
TOTAL OPERATIONS CHARGES	<u>\$49,270.83</u>

HARRIS COUNTY MUD #136
CUSTOMER BILLING REPORT
November 9, 2010 Through December 8, 2010

Billed Water for Billing Period = 14,675,200 Gallons

Current Billing:

Deposit	\$ 100.00	
Penalty	0.00	
Water	23,786.12	
Sewer	31,258.97	
Regional Water Authority	22,704.42	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	52.00	
	<hr/>	
Total Current Billing		\$ 77,984.01

Aged Receivables:

Ninety (90) Days	\$ 1,952.90	
Sixty (60) Days	4,176.84	
Thirty (30) Days	19,984.88	
	<hr/>	
Billed Arrears	26,114.62	
Credit Bal Fwd	<5,587.30>	
	<hr/>	
Total Aged Receivables		\$ 20,527.32

Accounts Receivables:

Deposit	\$ 350.00	
Late Charges	2,278.03	
Water	28,148.05	
Sewer	38,478.64	
Regional Water Authority	29,123.11	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	51.00	
	<hr/>	
Total Accounts Receivables		\$ 98,511.33

Deposit Liability:

Balance As Of	11/09/10	\$ 49,560.49
Collections		209.51
Adjustments		<150.00>
		<hr/>
Balance As Of	12/08/10	\$ 49,620.00

HARRIS COUNTY MUD #136
SCHEDULED MAINTENANCE AND REPAIR TIMETABLE
DECEMBER 2010

Facility Checklist Completed:

Water Well # 1	12/21/10
Lift Station # 1	12/21/10
Lift Station # 2	12/21/10

Inspections Completed:

Fire Hydrants	11/05/10
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WATER WELL - DAILY PUMPAGE REPORT
MONTH: DECEMBER 2010
HARRIS COUNTY M.U.D. NO. 136

DATE	WELL #1	WELL HOURS	TOTAL PUMPAGE	Percentage based on Combined Well Capacity	Surface Water
1	0	0.0	0	0%	374
2	0	0.0	0	0%	311
3	0	0.0	0	0%	337
4	0	0.0	0	0%	393
5	0	0.0	0	0%	299
6	0	0.0	0	0%	596
7	0	0.0	0	0%	395
8	0	0.0	0	0%	236
9	0	0.0	0	0%	125
10	0	0.0	0	0%	396
11	0	0.0	0	0%	353
12	0	0.0	0	0%	489
13	0	0.0	0	0%	504
14	0	0.0	0	0%	384
15	0	0.0	0	0%	133
16	0	0.0	0	0%	567
17	0	0.0	0	0%	297
18	0	0.0	0	0%	448
19	0	0.0	0	0%	451
20	0	0.0	0	0%	613
21	0	0.0	0	0%	301
22	0	0.0	0	0%	298
23	0	0.0	0	0%	394
24	0	0.0	0	0%	566
25	0	0.0	0	0%	368
26	0	0.0	0	0%	260
27	0	0.0	0	0%	258
28	0	0.0	0	0%	300
29	0	0.0	0	0%	331
30	0	0.0	0	0%	127
31	0	0.0	0	0%	311
TOTAL	0	0.0	0	0%	11215

Water Well #	GPM	Min./Day	MGD	
1*	1003	1440	1444	75% for 3 days
				85% for 3 days
TOTAL			1444	95% for 3 days

**Based on 04/07/10 well production test Water Well #1*

HARRIS COUNTY MUD #136
Commercial Usage Report
12/08/10

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
C - COMMERCIAL				
WALGREEN #6909	4007 BARKER CYPRESS RD	4.2	3.1	67.8
CLAY'S RESTAURANT	17717 CLAY RD-OOD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	28.8	31.8	227.5
RANDALLS #2672	18322 CLAY RD	62.5	49.7	695.8
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	40.7	33.1	499.0
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY-OOD	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL-OOD	7.1	6.3	93.2
Deerfield Park Community	CLAY RD @ DEERFIELD PARK-	390.4	405.2	4398.2
	Totals	533.7	529.2	5981.5
D - DISTRICT				
LIFT STATION # 2	5028 WALNUT COVE-LS2	0.1	0.0	0.1
	Totals	0.1	0.0	0.1
E - EDUCATION				
CY FAIR ISD WILSON ELEMEN	18015 KEITH HARROW	135.0	132.0	1427.0
	Totals	135.0	132.0	1427.0
I - IRRIGATION				
RANDALLS #2672	18322 CLAY RD-SPR	0.0	82.3	1928.7
WALGREENS #6909	4007 BARKER CYPRESS-SPR	29.0	23.5	179.1
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	0.0	0.0	66.7
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	34.1	21.1	269.7
VACANT	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941-1/2 HEATHERSAGE-SPR	0.1	0.0	0.2
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	126.5	95.1	239.4
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	31.1	42.3	377.7
VACANT	HEATHERSAGE SPR	0.0	0.0	0.0
VACANT	HARTWELL @ 5030-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3901 DEERFIELD - SPR	46.6	36.5	513.7
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	32.2	22.5	129.0
VERDANT FARMS LLC	BARKER CYPRESS-SPR	0.3	0.0	0.3
	Totals	299.9	323.3	3704.5
N - NON-PROFIT				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	123.7	180.9	1896.0
	Totals	123.7	180.9	1896.0
* * HARRIS COUNTY MUD #136 Totals * *		1092.4	1165.4	13009.1

H136 Lift Station #1

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours	LP #3 ETM	LP #3 Hours
12/1/2010	5545.1	1.6	3028.5	5.7	5270.0	0.0
12/2/2010	5546.8	1.7	3034.2	5.7	5270.1	0.1
12/3/2010	5547.7	0.9	3039.0	4.8	5270.2	0.1
12/4/2010	5548.6	0.9	3043.8	4.8	5270.4	0.2
12/5/2010	5549.5	0.9	3048.6	4.8	5270.6	0.2
12/6/2010	5550.4	0.9	3053.4	4.8	5270.8	0.2
12/7/2010	5551.4	1.0	3058.3	4.9	5271.0	0.2
12/8/2010	5552.4	1.0	3063.2	4.9	5271.2	0.2
12/9/2010	5553.4	1.0	3068.1	4.9	5271.4	0.2
12/10/2010	5557.0	3.6	3068.1	0	5271.4	0.0
12/11/2010	5560.6	3.6	3068.1	0	5271.4	0.0
12/12/2010	5564.2	3.6	3068.1	0	5271.4	0.0
12/13/2010	5567.8	3.6	3068.1	0	5271.4	0.0
12/14/2010	5571.4	3.6	3068.1	0	5271.4	0.0
12/15/2010	5572.9	1.5	3068.1	0	5271.4	0.0
12/16/2010	5574.5	1.6	3068.1	0	5271.4	0.0
12/17/2010	5577.0	2.5	3068.1	0	5271.5	0.1
12/18/2010	5579.5	2.5	3068.1	0	5271.6	0.1
12/19/2010	5582.0	2.5	3068.1	0	5271.7	0.1
12/20/2010	5584.5	2.5	3068.1	0	5271.9	0.2
12/21/2010	5587.1	2.6	3068.1	0	5272.1	0.2
12/22/2010	5589.7	2.6	3068.1	0	5272.3	0.2
12/23/2010	5590.7	1.0	3069.1	1	5273.3	1.0
12/24/2010	5591.7	1.0	3070.1	1	5274.3	1.0
12/25/2010	5592.7	1.0	3071.1	1	5275.3	1.0
12/26/2010	5593.7	1.0	3072.1	1	5276.3	1.0
12/27/2010	5594.7	1.0	3073.1	1	5277.3	1.0
12/28/2010	5595.8	1.1	3074.3	1.2	5278.3	1.0
12/29/2010	5596.9	1.1	3075.5	1.2	5279.4	1.1
12/30/2010	5598.4	1.5	3077.0	1.5	5280.5	1.1
12/31/2010	5599.9	1.5	3078.2	1.2	5282.1	1.6

H136 Lift Station #2

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours
12/1/2010	11536.3	0.8	9026.9	0.8
12/2/2010	11537.2	0.9	9027.7	0.8
12/3/2010	11538.1	0.9	9028.7	1.0
12/4/2010	11539.1	1.0	9029.8	1.1
12/5/2010	11540.1	1.0	9030.9	1.1
12/6/2010	11541.1	1.0	9032.0	1.1
12/7/2010	11542.1	1.0	9033.1	1.1
12/8/2010	11542.6	0.5	9033.6	0.5
12/9/2010	11543.1	0.5	9034.1	0.5
12/10/2010	11543.9	0.8	9035.1	1.0
12/11/2010	11544.7	0.8	9036.1	1.0
12/12/2010	11545.6	0.9	9037.1	1.0
12/13/2010	11546.5	0.9	9038.2	1.1
12/14/2010	11547.4	0.9	9039.3	1.1
12/15/2010	11547.9	0.5	9039.9	0.6
12/16/2010	11548.5	0.6	9040.5	0.6
12/17/2010	11549.4	0.9	9041.5	1.0
12/18/2010	11550.3	0.9	9042.5	1.0
12/19/2010	11551.2	0.9	9043.5	1.0
12/20/2010	11552.2	1.0	9044.5	1.0
12/21/2010	11552.9	0.7	9045.2	0.7
12/22/2010	11553.6	0.7	9045.9	0.7
12/23/2010	11554.7	1.1	9047.0	1.1
12/24/2010	11555.8	1.1	9048.1	1.1
12/25/2010	11556.9	1.1	9049.2	1.1
12/26/2010	11558.0	1.1	9050.4	1.2
12/27/2010	11559.1	1.1	9051.6	1.2
12/28/2010	11560.2	1.1	9052.8	1.2
12/29/2010	11560.9	0.7	9053.4	0.6
12/30/2010	11561.6	0.7	9054.1	0.7
12/31/2010	11562.3	0.7	9054.7	0.6

PERMITTEE NAME/ADDRESS

NAME JACKRABBIT ROAD PUD
 ADDRESS C/O SEVERN TRENT SERVICES
 16337 PARK ROW
 HOUSTON TX 77084



TX0046621 PERMIT NO.
 001 A DISCHARGE NO.
 MINOR
 M - INTERIM
 DOMESTIC FACILITY-001

MONITORING PERIOD

FROM 10/01/10 TO 11/30/10

FACILITY JACKRABBIT RD PUD WWTP
 LOCATION HOUSTON TX 77084
 ATTN: ROSS BELL, SECRETARY/TRES

*** NO DISCHARGE ***

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO EX	Frequency of Analysis	Sample Type
	AVG	MAX	UNITS	MIN	AVG	MAX			
OXYGEN, DISSOLVED (DO)	SAMP MEAS *****	*****		7.0	*****		0	5/Week	grab
00300 1 0 0 EFFLUENT GROSS VALUE	PERM REQ *****	*****		6.0 MINIMUM	*****	MG/L		WEEKLY GRAB	
PH	SAMP MEAS *****	*****		7.1	*****		0	5/Week	grab
00400 1 0 0 EFFLUENT GROSS VALUE	PERM REQ *****	*****		6.0 MINIMUM	*****	SU		WEEKLY GRAB	
SOLIDS, TOTAL SUSPENDED	SAMP MEAS 93.6	*****	(26)	*****	5.5		0	5/Week	comp
00530 1 0 0 EFFLUENT GROSS VALUE	PERM REQ 638 30DA AVG	*****	LBS/DY	*****	15 50DA AVG	MG/L		WEEKLY COMP	
NITROGEN, AMMONIA TOTAL (AS N)	SAMP MEAS 4.146	*****	(26)	*****	0.24		0	5/Week	comp
00610 1 0 0 EFFLUENT GROSS VALUE	PERM REQ 85 30DA AVG	*****	LBS/DY	*****	2 30DA AVG	MG/L		WEEKLY COMP	
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMP MEAS *****	2917	(78)	*****	*****		0	Cont	totalz
50050 P 0 0 SEE COMMENTS BELOW	PERM REQ 1200 2HR PEAK	*****	GPM	*****	*****	*****		CONT TOTALZ	
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMP MEAS *****	*****	(03)	*****	*****		0	Cont	totalz
50050 Y 0 0 ANNUAL AVERAGE	PERM REQ 510 ANNUAL AVG	*****	MGD	*****	*****	*****		CONT TOTALZ	

FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMP MEAS	2.021	2.863	(03)	*****	*****	*****	*****	0	Cont	totalz
50050 1 0 0	PERM REQ	REPORT DAILY AVG	REPORT DAILY MAX	MGD	*****	*****	*****	*****	0	CONT	TOTALZ
EFFLUENT GROSS VALUE	REQ										
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	*****	*****	*****	*****	*****	0.08	(19)	0	Daily	grab
50060 A 0 0	PERM REQ	*****	*****	*****	*****	*****	0.059 INST MAX	MG/L		DAILY	GRAB
DISINFECT, PRCS CMPLI	REQ										
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	*****	*****	*****	1.1	*****		(19)	0	Daily	grab
50060 B 0 0	PERM REQ	*****	*****	*****	1.0	*****		MG/L		DAILY	GRAB
PRIOR TO DISINFECT	REQ				MG MIN						
E. COLI GENERAL	SAMP MEAS	*****	*****	(13)	*****	1.74	2.0	(32)	0	Weekly	GRAB
51040 1 0 0	PERM REQ	*****	*****	100ML	*****	REPORT DA GEOAV	REPORT DA MAX	CFU/100ML		1/WK	GRAB
EFFLUENT GROSS VALUE	REQ										
BOD, CARBONACEOUS 05 DAY, 20C	SAMP MEAS	39.82	*****	(26)	*****	2.3	4.0	(19)	0	5/Week	comp
80082 1 0 0	PERM REQ	425	*****	LBS/DY	*****	10	25	MG/L		WEEKLY	COMP
EFFLUENT GROSS VALUE	REQ	30DA AVG	*****		*****	30DA AVG	DA MAX				

Manager Name: ROSS BELL Title: SECY/TREAS Phone: (281) 578-4200

Print Actual DMR

Print DMR Draft

View Calculation Log

View Next Calculated DMR

Main Menu