

**Harris County Municipal Utility
District No. 136**

**OPERATIONS REPORT
FEBRUARY 2010**



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

I. CONNECTIONS

- March 11, 2010 1,083

II. WATER PRODUCTION

- During the calendar month of February, 7,347,000 gallons were purchased from the West Harris County Regional Water Authority.
- The 4-Month water accountability average is 94.0%.
- Maintenance and repair items in the February invoice included:
 1. Replacing the barbed wire at water well #2.
 2. Performing the preventive maintenance on the chlorinator at Water Plant #1.
 3. Replacing eye wash at water plant #1.
 4. Replacing the doors and frames on the control building at water plant #1.
- Maintenance and repair items that will be included in future invoices:
 1. Performing the preventive maintenance on the polyphosphate and fluoridation equipment, the generator and chlorine detector at water plant #1.
 2. Performing the annual cleaning of the MCCs at water plant #1 and #2.

III. WATER DISTRIBUTION

- Maintenance and repair items in the February invoice included:
 1. Replacing gate valve for the blow-off located at 4210 Bear Lodge Court.
 2. Repairing the fire hydrants identified during the semi-annual inspection.
 3. Excavating and repairing the tapline leak at 18207 Forest Town Drive.
 4. Replacing 63 meters registering over one million gallons of usage.
- Maintenance and repair items in the February invoice included:
 1. Excavating and repairing the water main located at 18027 Winsford Drive.

IV. SANITARY/STORM SEWER COLLECTION

- Maintenance and repair items in the February invoice included:
 1. Jet clearing a blockage on the sanitary line at 18003 Mountfield Drive
- Maintenance and repair items that will be included in future invoices:
 1. Cleaning lift stations #1 & #2.
 2. Performing the preventive maintenance on the portable generator for lift stations #1 and #2.

HARRIS COUNTY MUD #136
CONNECTIONS REPORT
FEBRUARY 2010

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

METER INSTALLATIONS AND INSPECTIONS
JAN 09 - FEB 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
February 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 February-10

TCEQ Chemical Analysis:

Metals	07/31/02
Radio-Chemicals	01/15/09
Volatile Organic Compounds (VOCs)	07/31/02
Minerals	03/04/08
Trihalomethane Gases (THMs)	06/15/05
Haloacetic Acids (HAAs)	06/15/05

WATER PRODUCTION

Purchased	7,347,000	From WHCRWA
Sold		To
Pumped	0	at Water Plant #1
Pumped	0	at Water Plant #2
Total Supplied	7,347,000	
Daily Average	262,393	

SUBSIDENCE INFORMATION

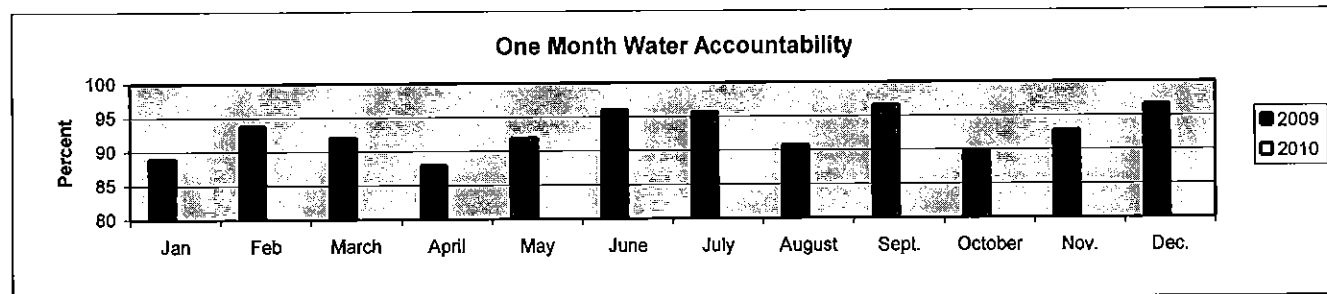
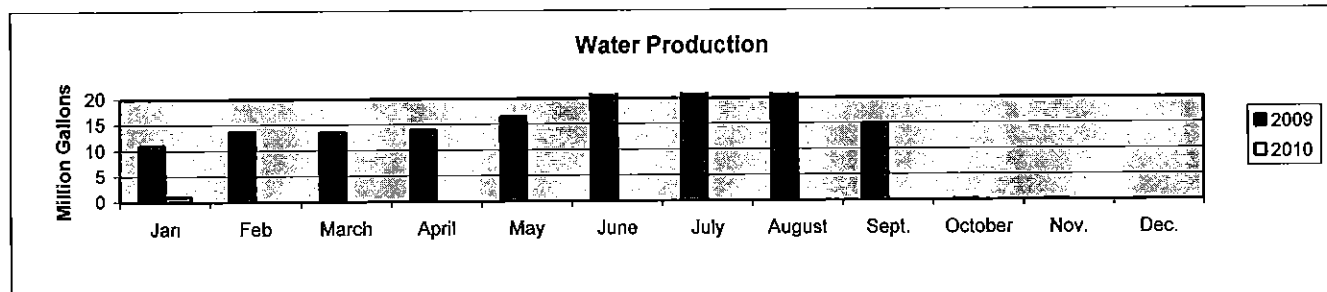
Permit Number	1855-2608
Permit Renewed	12/01/09
Permit Expires	11/30/10
Gallons Authorized	240,000,000
Cumulative Gallons Produced	8,304,000
Authorized Gallons Remaining	231,696,000
Average Gallons Per Month	2,768,000
Estimated Number of Months Available	83.71
Permit Months Remaining	9
Percent of Permitted Production	3.46

8/14- applied for permit renewal

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



HARRIS COUNTY MUD #136
FEBRUARY 2010

OPERATIONS CHARGES:

1. Operations Fees	3,358.88
2. Water Well	9,084.16
3. Water Distribution	8,848.19
4. Sanitary Sewer Collection	766.00
5. Lift Station	64.18
6. Administrative Services	1,013.80
TOTAL OPERATIONS CHARGES	<u>\$23,135.21</u>

HARRIS COUNTY MUD #136
CUSTOMER BILLING REPORT
 January 9, 2010 Through February 8, 2010

Billed Water for Billing Period = 7,578,300 Gallons

Current Billing:

Deposit	\$ 150.00	
Penalty	0.00	
Water	14,133.05	
Sewer	15,154.53	
Regional Water Authority	7,645.89	
Service Order	0.00	
Grease Trap Inspec.	82.50	
Ach Transmittal Fee	51.00	
Total Current Billing		\$ 37,216.97

Aged Receivables:

Ninety (90) Days	\$ 1,970.45	
Sixty (60) Days	1,936.74	
Thirty (30) Days	5,419.58	
Billed Arrears	9,326.77	
Credit Bal Fwd	<6,505.53>	
Total Aged Receivables		\$ 2,821.24

Accounts Receivables:

Deposit	\$ 350.00	
Late Charges	840.10	
Water	12,173.28	
Sewer	17,214.87	
Regional Water Authority	9,328.46	
Service Order	0.00	
Grease Trap Inspec.	82.50	
Ach Transmittal Fee	49.00	
Total Accounts Receivables		\$ 40,038.21

Deposit Liability:

Balance As Of	01/09/10	\$ 49,760.00
Collections		150.00
Adjustments		<370.00>
Balance As Of	02/08/10	\$ 49,540.00

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

Facility Checklist Completed:

Water Well # 1	02/16/10
Water Well # 2	02/16/10
Lift Station # 1	02/18/10
Lift Station # 2	02/18/10

Inspections Completed:

Fire Hydrants	11/23/09
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WATER WELL - DAILY PUMPAGE REPORT
MONTH: FEBRUARY 2010
HARRIS COUNTY M.U.D. NO. 136

DATE	WELL #1	WELL HOURS	WELL #2	WELL HOURS	TOTAL PUMPAGE	Percentage based on Combined Well Capacity	Surface Water
1	0	0.0	0	0.0	0	0%	375
2	0	0.0	0	0.0	0	0%	303
3	0	0.0	0	0.0	0	0%	173
4	0	0.0	0	0.0	0	0%	237
5	0	0.0	0	0.0	0	0%	214
6	0	0.0	0	0.0	0	0%	292
7	0	0.0	0	0.0	0	0%	227
8	0	0.0	0	0.0	0	0%	295
9	0	0.0	0	0.0	0	0%	105
10	0	0.0	0	0.0	0	0%	202
11	0	0.0	0	0.0	0	0%	236
12	0	0.0	0	0.0	0	0%	682
13	0	0.0	0	0.0	0	0%	293
14	0	0.0	0	0.0	0	0%	221
15	0	0.0	0	0.0	0	0%	228
16	0	0.0	0	0.0	0	0%	221
17	0	0.0	0	0.0	0	0%	343
18	0	0.0	0	0.0	0	0%	200
19	0	0.0	0	0.0	0	0%	332
20	0	0.0	0	0.0	0	0%	153
21	0	0.0	0	0.0	0	0%	210
22	0	0.0	0	0.0	0	0%	399
23	0	0.0	0	0.0	0	0%	253
24	0	0.0	0	0.0	0	0%	143
25	0	0.0	0	0.0	0	0%	210
26	0	0.0	0	0.0	0	0%	310
27	0	0.0	0	0.0	0	0%	300
28	0	0.0	0	0.0	0	0%	190
29	0	0.0	0	0.0	0	0%	0
30	0	0.0	0	0.0	0	0%	0
31	0	0.0	0	0.0	0	0%	0
TOTAL	0	0.0	0	0.0	0		7,347

Water Well #	GPM	Min./Day	MGD
1*	936	1440	1348
2**	284	1440	409
TOTAL			1757

75% for 3 days

85% for 3 days

95% for 3 days

**Based on 10/19/09 well production test Water Well #1*

***Based on 10/19/09 well production test Water Well #2*

HARRIS COUNTY MUD #136
Commercial Usage Report
02/08/10

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
C - COMMERCIAL				
WALGREEN #6909	4007 BARKER CYPRESS RD	3.9	3.4	7.3
CLAY'S RESTAURANT	17717 CLAY RD-OOD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	8.7	5.1	13.8
RANDALLS #2672	18322 CLAY RD	51.3	64.7	116.0
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	31.8	26.6	58.4
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY-OOD	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL-OOD	23.1	5.1	28.2
Deerfield Park Community	CLAY RD @ DEERFIELD PARK-	250.9	266.4	517.3
Totals		369.7	371.3	741.0
D - DISTRICT				
LIFT STATION # 2	5028 WALNUT COVE-LS2	0.0	0.0	0.0
Totals		0.0	0.0	0.0
E - EDUCATION				
CY FAIR ISD WILSON ELEMEN	18015 KEITH HARROW	97.0	90.0	187.0
Totals		97.0	90.0	187.0
I - IRRIGATION				
RANDALLS #2672	18322 CLAY RD-SPR	0.0	130.5	130.5
WALGREENS #6909	4007 BARKER CYPRESS-SPR	3.7	0.0	3.7
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	15.8	15.8	31.6
VACANT	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941-1/2 HEATHERSAGE-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	17.3	17.4	34.7
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	30.8	30.1	60.9
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	0.0	0.0	0.0
VERDANT FARMS LLC	BARKER CYPRESS-SPR	0.0	0.0	0.0
Totals		67.6	193.8	261.4
N - NON-PROFIT				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	92.8	105.2	198.0
Totals		92.8	105.2	198.0
* * HARRIS COUNTY MUD #136 Totals * *		627.1	760.3	1387.4

HARRIS COUNTY MUD NO. 136

PAYMENT OPTIONS

	Teller Payment	Credit Card	On-line	Check by Phone	Western Union	Bank Draft	Total
1/8/2010	0	9	182	1	12	50	254
2/8/2010	0	14	186	3	10	51	264
3/8/2010							
4/8/2010							
5/8/2010							
6/8/2010							
7/8/2010							
8/8/2010							
9/8/2010							
10/8/2010							
11/8/2010							
12/8/2010							

PERMITTEE NAME/ADDRESS

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

JACKRABBIT RD PUD WWTP

HOUSTON TX 77084

ATTN: ROSS BELL, SECRETARY/TRES



MINOR

001 A
 DISCHARGE NO.

M - INTERIM

DOMESTIC FACILITY-001

MONITORING PERIOD

FROM 10 01 01 TO 10 01 31

*** 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)	*****	*****	*****	7.2	*****	(19)	0	5/Week	grab
00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	MG/L	0	WEEKLY	GRAB
PH	*****	*****	*****	7.5	*****	(12)	0	5/Week	grab
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	6.0	*****	SU	0	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	(26)	*****	*****	14.2	0	5/Week	comp
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	LBS/DY	*****	*****	40	0	WEEKLY	COMP
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	(26)	*****	*****	0.32	0	5/Week	comp
00610 1 0 0 EFFLUENT GROSS VALUE	*****	*****	LBS/DY	*****	*****	10	0	WEEKLY	COMP
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	*****	*****	(78)	*****	*****	*****	0	Cont	totalz
50050 P 0 0 SEE COMMENTS BELOW	*****	*****	GPM	*****	*****	*****	0	CONT	TOTALZ
FLOW, IN CONDUIT OR THRU TREATMENT PLAN	*****	*****	(03)	*****	*****	*****	0	Cont	totalz
50050 Y 0 0 ANNUAL AVERAGE	*****	*****	MGD	*****	*****	*****	0	CONT	TOTALZ

FLOW, IN CONDUIT OR THRU TREATMENT PLAN	SAMP MEAS	1.951	2.979	(.03)	*****	*****	*****	*****	*****	0	Cont	totalz
50050 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	REPORT DAILY AV	REPORT DAILY MAX	MGD	*****	*****	*****	*****	*****	0	CONT	TOTALZ
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	*****	*****	*****	*****	*****	0.09	(19)	*****	0	Daily	grab
50060 A 0 0 DISINFECT, PRCS CMLPT	PERM REQ	*****	*****	*****	*****	*****	0.059 INST MAX	MG/L	*****	0	DAILY	GRAB
CHLORINE, TOTAL RESIDUAL	SAMP MEAS	*****	*****	*****	1.1	*****	*****	(19)	*****	0	Daily	grab
50060 B 0 0 PRIOR TO DISINFECT	PERM REQ	*****	*****	*****	10 MOMIN	*****	*****	MG/L	*****	0	DAILY	GRAB
E. COLI GENERAL	SAMP MEAS	*****	*****	(13)	*****	1.0	1.0	(32)	*****	0	Weekly	GRAB
51040 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	*****	*****	100ML	*****	REPORT DA GEGAY	REPORT DA MAX	CFU/100ML	*****	0	1/WK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	SAMP MEAS	52.53	*****	(26)	*****	3.3	7.5	(19)	*****	0	5/Week	comp
80082 1 0 0 EFFLUENT GROSS VALUE	PERM REQ	425	*****	LBS/DY	*****	10	25	MG/L	*****	0	WEEKLY	COMP
		30DA AVG	30DA AVG		*****	30DA AVG	7 DA AVG					

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