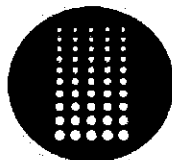


# **Harris County Municipal Utility District No. 136**

## **OPERATIONS REPORT APRIL 2009**



**SouthWest  
Water Company**

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

**I. CONNECTIONS**

- April 8, 2009                      1,083

**II. WATER PRODUCTION**

- During the calendar month of April, the wells produced 12,616,000 gallons of water.
- The 1-Month water accountability average is 92.0%.
- Maintenance and repair items in the April invoice included:
  1. Painting over the graffiti on the fence at water plant #1.
  2. Purchasing and installing a 12" valve on the well header at water plant #1.
  3. Repairing the chlorinators at water plant #1.
- Maintenance and repair items that will be included in future invoices:
  1. Performing the annual infra-red surveys at water well #1 and #2.
  2. Performing the annual cleaning of the MCC at both water plants.
  3. Reinstalling booster pump #3 after repairs.
  4. Performing the preventive maintenance on the fluoridation equipment and the RMS.

**III. WATER DISTRIBUTION**

- Maintenance and repair items in the April invoice included:
  1. Replacing twenty meters registering over one millions gallons of usage.
  2. Completing the repairs identified during the semi-annual fire hydrant inspection.
- Maintenance and repair items that will be included in future invoices:
  1. Performing the 2009 valve survey.

**IV. SANITARY SEWER COLLECTION**

- Maintenance and repair items in the April invoice included:
  1. Washing down after the sanitary line repair at Clay Road, East of Barker Cypress.
  2. Excavating and repairing the sanitary lines located at:
    - 18081 Partridge Green Drive
    - 18010 Mountfield Drive
- Maintenance and repair items that will be included in future invoices:
  1. Performing the annual infra-red surveys at lift stations #1 and #2.
  2. Completing the sanitary point repairs identified during the television survey.
  3. Excavating and repairing the force main on Clay Road.

**HARRIS COUNTY MUD #136**  
**CONNECTIONS REPORT**  
**APRIL 2009**

CONNECTIONS	<u>APR 08</u> 2009	<u>MAR 08</u> 2009	<u>JAN 08</u> 2009
Occupied Single Family	1,056	1,053	1,052
Vacant Single Family	3	6	7
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
<b>TOTAL CONNECTIONS</b>	<u><u>1,083</u></u>	<u><u>1,083</u></u>	<u><u>1,083</u></u>

**METER INSTALLATIONS AND INSPECTIONS**  
**MAR 09 - APR 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**  
**April 2009**

**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 April-09

## TCEQ Chemical Analysis:

Metals	07/31/02
Radio-Chemicals	08/12/08
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	1,024,000 From Harris County MUD No. 183
Sold	To
Pumped	12,342,000 at Water Plant #1
Pumped	274,000 at Water Plant #2
Total Supplied	13,640,000
Daily Average	454,667

**SUBSIDENCE INFORMATION**

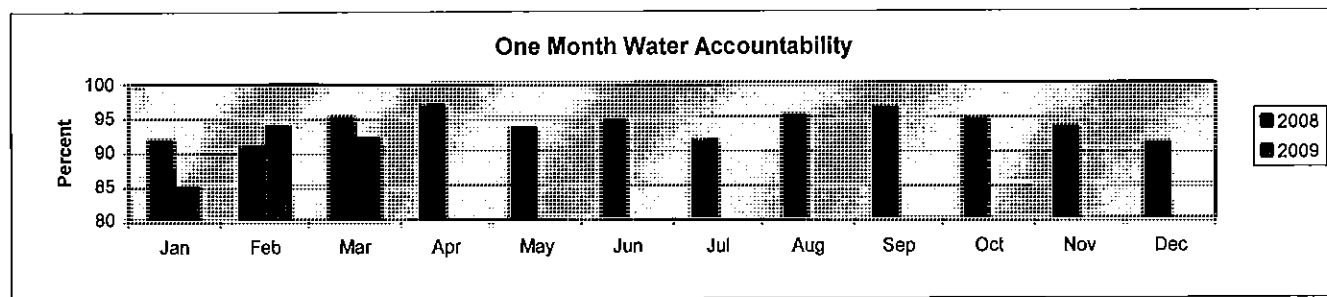
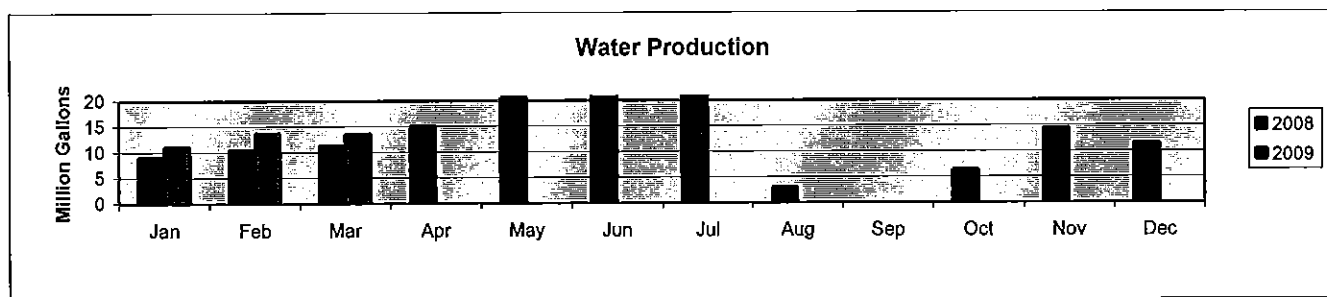
Permit Number	1855-2608
Permit Renewed	12/01/07
Permit Expires	11/30/08
Gallons Authorized	240,000,000
Cumulative Gallons Produced	62,218,000
Authorized Gallons Remaining	177,782,000
Average Gallons Per Month	12,443,600
Estimated Number of Months Available	14.29
Permit Months Remaining	7
Percent of Permitted Production	25.92

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
01/04/08-02/01/08	9.046	0.000	8.295	0.000	0.014	91.9	92.8
02/02/08-03/05/08	10.502	0.000	9.488	0.000	0.051	90.8	91.9
03/06/08-04/02/08	11.359	0.000	10.749	0.000	0.057	95.1	92.2
04/03/08-05/02/08	15.112	0.000	14.565	0.000	0.052	96.7	93.6
05/03/08-06/02/08	20.648	0.000	19.243	0.000	0.061	93.5	94.0
06/03/08-06/30/08	22.586	0.000	21.350	0.000	0.000	94.5	95.0
07/01/08-07/29/08	22.648	0.000	20.717	0.000	0.026	91.6	94.1
07/30/08-08/27/08	2.994	14.898	17.036	0.000	0.017	95.3	93.7
08/28/08-09/26/08	0.000	18.241	17.520	0.000	0.061	96.4	94.5
09/27/08-10/27/08	6.385	10.836	16.228	0.000	0.082	94.7	94.5
10/28/08-12/01/08	14.548	0.131	13.647	0.000	0.089	93.6	95.0
12/02/08-12/31/08	11.548	0.043	10.519	0.000	0.047	91.2	94.0
01/01/09-01/30/09	11.056	0.000	9.387	0.000	0.003	84.9	91.1
01/31/09-03/03/09	13.706	0.000	12.832	0.000	0.025	93.8	90.9
03/04/09-04/01/09	13.595	0.000	12.491	0.000	0.023	92.0	90.5



HARRIS COUNTY MUD #136  
APRIL 2009

OPERATIONS CHARGES:

1. Operations Fees	3,376.18
2. Water Well	5,112.45
3. Water Distribution	9,063.47
4. Sanitary Sewer Collection	4,148.74
5. Lift Station	47.00
6. Administrative Services	1,000.00
TOTAL OPERATIONS CHARGES	<u>\$22,747.84</u>

**HARRIS COUNTY MUD #136**  
**CUSTOMER BILLING REPORT**  
 March 9, 2009 Through April 8, 2009

Billed Water for Billing Period = 12,488,500 Gallons

**Current Billing:**

Deposit	\$ 350.00	
Penalty	0.00	
Water	19,995.25	
Sewer	15,361.91	
Region Water Authority	12,560.22	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	48.00	
Total Current Billing		\$ 48,397.88

**Aged Receivables:**

Ninety (90) Days	\$ 3,663.22	
Sixty (60) Days	1,833.68	
Thirty (30) Days	7,614.18	
Billed Arrears	13,111.08	
Credit Bal Fwd	<6,265.63>	
Total Aged Receivables		\$ 6,845.45

**Accounts Receivables:**

Deposit	\$ 600.00	
Late Charges	1,486.78	
Water	19,729.60	
Sewer	18,211.03	
Region Water Authority	15,086.42	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	47.00	
Total Accounts Receivables		\$ 55,243.33

**Deposit Liability:**

Balance As Of	03/09/09	\$ 49,480.00
Collections		300.00
Adjustments		0.00
Balance As Of	04/08/09	\$ 49,780.00

**HARRIS COUNTY MUD #136**  
**SCHEDULED MAINTENANCE AND REPAIR TIMETABLE**  
**APRIL 2009**

**Facility Checklist Completed:**

Water Well # 1	04/14/09
Water Well # 2	04/14/09
Lift Station # 1	04/14/09
Lift Station # 2	04/14/09

**Inspections Completed:**

Fire Hydrants	01/05/09
---------------	----------

**WATER WELL - DAILY PUMPAGE REPORT**  
**MONTH: APRIL 2009**  
**HARRIS COUNTY M.U.D. NO. 136**

DATE	WELL #1	WELL HOURS	WELL #2	WELL HOURS	TOTAL PUMPAGE	Percentage based on Combined Well Capacity	Interconnect
1	330	5.7	3	0.9	333	18%	0
2	100	6.0	75	2.9	175	10%	0
3	858	10.4	22	1.0	880	48%	0
4	475	8.1	0	0.0	475	26%	0
5	465	10.0	0	1.0	465	26%	0
6	664	9.5	0	2.0	664	36%	0
7	345	9.9	0	0.0	345	19%	0
8	246	0.2	0	0.0	246	13%	56
9	564	9.7	0	0.0	564	31%	0
10	534	9.2	0	0.0	534	29%	0
11	461	9.2	15	0.0	476	26%	0
12	186	2.1	15	0.0	201	11%	0
13	401	10.7	15	0.0	416	23%	0
14	715	8.6	32	0.0	747	41%	0
15	698	12.1	0	0.0	698	38%	0
16	718	7.0	0	0.0	718	39%	0
17	367	8.3	0	0.0	367	20%	0
18	315	8.9	0	0.0	315	17%	0
19	0	4.0	0	0.0	0	0%	484
20	0	5.0	0	0.0	0	0%	484
21	481	5.0	0	0.0	481	26%	0
22	635	5.2	0	0.0	635	35%	0
23	525	9.1	0	0.0	525	29%	0
24	406	7.0	0	0.0	406	22%	0
25	177	6.2	0	0.0	177	10%	0
26	520	5.0	0	0.0	520	29%	0
27	342	5.0	0	0.0	342	19%	0
28	268	5.0	0	1.0	268	15%	0
29	273	5.0	46	1.0	319	17%	0
30	273	5.0	51	1.0	324	18%	0
<b>TOTAL</b>	<b>12,342</b>	<b>212.1</b>	<b>274</b>	<b>10.8</b>	<b>12,616</b>		<b>1024</b>

Water Well #	GPM	Min./Day	MGD
1*	953	1440	1372
2**	313	1440	451
<b>TOTAL</b>			<b>1823</b>

75% for 3 days

85% for 3 days

95% for 3 days

*\*Based on 11/19/08 well production test Water Well #1*

*\*\*Based on 10/06/08 well production test Water Well #2*

HARRIS COUNTY MUD #136  
Commercial Usage Report  
04/08/09

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE
<b>C - COMMERCIAL</b>				
WALGREEN #6909	4007 BARKER CYPRESS RD	6.2	7.6	26.5
CLAY'S RESTAURANT	17717 CLAY RD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD	53.0	127.8	424.4
-COL-.OPTION 1 REALTY GRO	17202 CLAY RD	0.0	0.0	0.0
RANDALLS #2672	18322 CLAY RD	62.7	66.0	229.9
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	44.7	55.3	184.1
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL	5.0	7.5	24.9
Deerfield Park Community	CLAY RD @ DEERFIELD PARK	325.1	426.2	1328.5
Totals		496.7	690.4	2218.3
<b>D - DISTRICT</b>				
LIFT STATION # 2	5028 WALNUT COVE-LS2	0.0	0.0	0.0
Totals		0.0	0.0	0.0
<b>E - EDUCATION</b>				
CY FAIR ISD WILSON ELEMEN	18015 KEITH HARROW	74.0	98.0	289.0
Totals		74.0	98.0	289.0
<b>I - IRRIGATION</b>				
RANDALLS #2672	18322 CLAY RD-SPR	141.2	0.2	1111.6
WALGREENS #6909	4007 BARKER CYPRESS-SPR	0.0	0.0	22.6
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	6.8	6.5	13.9
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	37.9	27.3	77.8
*VACANT*	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941-1/2 HEATHERSAGE-SPR	0.0	0.4	0.4
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	120.2	87.5	214.3
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	22.5	16.2	50.8
*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	66.3	40.3	109.8
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	4.1	4.3	16.3
VERDANT FARMS LLC	BARKER CYPRESS-SPR	0.0	0.1	0.1
Totals		399.0	182.8	1617.6
<b>N - NON-PROFIT</b>				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	58.0	63.4	258.8
Totals		58.0	63.4	258.8
* * HARRIS COUNTY MUD #136 Totals * *		1027.7	1034.6	4383.7



PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT  
 TX0046621 PERMIT NO. 001 A  
 DISCHARGE NO.

MINOR

M - INTERIM  
 DOMESTIC FACILITY-001

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

MONITORING PERIOD  
 FROM 09 03 01 TO 09 03 31  
 YR MO DAY YR MO DAY

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

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)	5/Week	grab
00500 1 0 0 EFFLUENT GROSS VALUE				6.0			MG/L	WEEKLY	GRAB
PH				7.3			(12)	5/Week	grab
00400 1 0 0 EFFLUENT GROSS VALUE				6.0		MAXIMUM	SU	WEEKLY	GRAB
SOLIDS TOTAL SUSPENDED			(26)				(19)	5/Week	comp
00550 1 0 0 EFFLUENT GROSS VALUE							MG/L	WEEKLY	COMP
NITROGEN AMMONIA TOTAL (AS N)			(26)				(19)	5/Week	COMP
00610 1 0 0 EFFLUENT GROSS VALUE							MG/L	WEEKLY	COMP
FLOW IN CONDUIT OR THRU TREATMENT PLAN		2778	(78)					Cont	TOTALZ
50050 P 0 0 SEE COMMENTS BELOW		12000	2HR PEAK					CONT	TOTALZ
FLOW IN CONDUIT OR THRU TREATMENT PLAN			(05)					Cont	TOTALZ
50050 Y 0 0 ANNUAL AVERAGE			MGD					CONT	TOTALZ
FLOW IN CONDUIT OR THRU TREATMENT PLAN		2.586	(05)					Cont	TOTALZ
50050 I 0 0 EFFLUENT GROSS VALUE		REPORT	DAILY AV					CONT	TOTALZ

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 ROSS BELL  
 SECY/TRES  
 TELEPHONE 2815784200  
 DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Fee Name/Location if Different)

NAME JACKRABBIT ROAD PUD  
 ADDRESS C/O SEVERN TRENT SERVICES  
 16337 PARK ROW  
 HOUSTON TX 77084  
 FACILITY JACKRABBIT RD PUD WWTP  
 LOCATION HOUSTON TX 77084  
 ATTN: ROSS BELL, SECRETARY/TRES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT  
 PERMIT NO. TX0046621  
 DISCHARGE NO. 001 A

MINOR  
 M - INTERIM  
 DOMESTIC FACILITY-001

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
09	03	01	09	03	31

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO EX	Frequency of Analysis	Sample Type	
	AVG	MAX	UNITS	MIN	AVG	MAX				
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	0.08	(19)	0	Daily	grab
50060 A 0 0	*****	*****	*****	*****	*****	0.099	MG/L		DAILY	GRAB
DISINFECT. PRCS CMPLT REQ	*****	*****	*****	*****	*****	INST MAX				
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	1.3	*****	*****	(19)	0	Daily	grab
50060 B 0 0	*****	*****	*****	1.0	*****	*****	MG/L		DAILY	GRAB
PRIOR TO DISINFECT	*****	*****	*****	MO MIN	*****	*****				
BOD, CARBONACEOUS 05 DAY, 20C	*****	*****	(26)	*****	2.0	5.6	(19)	0	5/Week	comp
80082 1 0 0	*****	*****	LBS/DY	*****	10	75	MG/L		WEEKLY	COMP
EFFLUENT GROSS VALUE	*****	*****	30DA.AVG	*****	30DA.AVG	7 DA.AVG				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 ROSS BELL  
 SECY/TREAS  
 TYPED OR PRINTED

TELEPHONE 281 578-2000  
 DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)