

Harris County Municipal Utility District No. 136

OPERATIONS REPORT OCTOBER 2011



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

I. CONNECTIONS

- October 8, 2011 1,083

II. PREVIOUS MEETING ITEMS

- Deerfield Park Community Paid for the Meter Repairs.
- Well Report is included with your handouts.
- Facility Tour in November or December.
- See handout for meter usage data format & explanation of re-read process & MCC repairs.
- Fran's meter was registering 761,000 gallons of usage.

III. WATER PRODUCTION

- During the calendar month of October 17,815,000 gallons were purchased from the West Harris County Regional Water Authority and 49,000 gallons were produced at water well #1.

- The 1-Month water accountability is 102.6%.

- Maintenance and repair items in the September invoice included:
 1. Performing the Cathodic Production Test in May.
 2. Performing preventive maintenance on the Generator, the Chlorine Solenoid Valve, and the Chlorine Analyzer for both the Surface and Ground Water Systems.
 3. Painting trip hazards around the Water Plant.
 4. Performing the annual Infra-Red Survey.
 5. Repairing the Chlorine Feed System to the Surface Water Line.
 6. Adjusting the Entrance Gate.
 7. Repairing a leak on the Ammonia System.
 8. Repairing the Flow Switch in the Control Panel.
 9. Winterizing the Facility.
 10. Repairing a leaking ball valve on the chlorine line.

- Maintenance and repair items that will be included in future invoices:
 1. N/A

IV. WATER DISTRIBUTION

- Maintenance and repair items in the September invoice included:
 1. Replacing 41 meters registering over one million gallons of usage.

- Maintenance and repair items that will be included in future invoices:
 1. N/A

V. SANITARY SEWER COLLECTION

- Maintenance and repair items in the September invoice included:
 1. Inspecting the grease traps in the district.

- Maintenance and repair items that will be included in future invoices:
 1. Inspecting 4 grease traps in the district.

VI. LIFT STATION

- Maintenance and repair items in the September invoice included:
 1. Performing the Infra-Red Survey at both Lift Stations.

HARRIS COUNTY MUD #136
CONNECTIONS REPORT
OCTOBER 2011

CONNECTIONS	OCT 08 2011	SEP 08 2011	JAN 08 2011
	<u> </u>	<u> </u>	<u> </u>
Occupied Single Family	1,049	1,053	1,051
Vacant Single Family	10	6	8
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><u>1,083</u></u>	<u><u>1,083</u></u>	<u><u>1,083</u></u>

METER INSTALLATIONS AND INSPECTIONS
SEP 09 - OCT 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
OCTOBER 2011

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 October-11

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

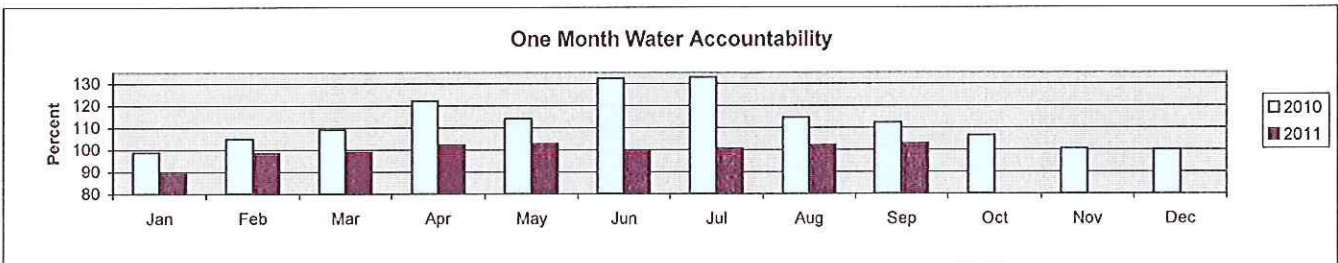
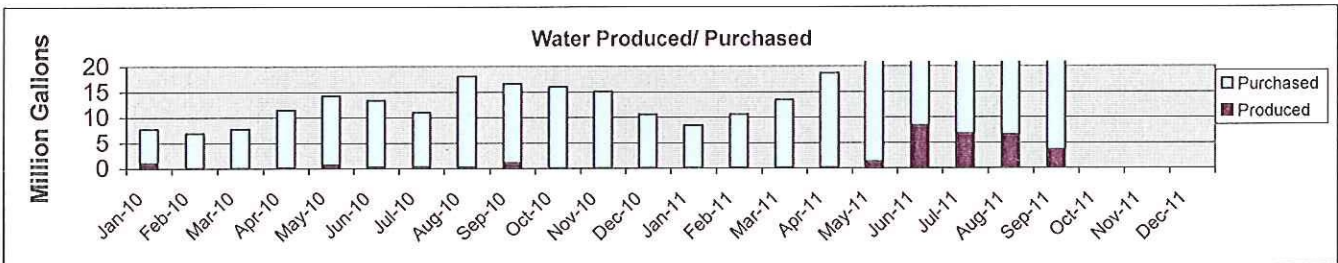
WATER PRODUCTION

Purchased	17,815,000	From WHCRWA
Purchased		From H183
Sold		To H183
Pumped	49,000	at Water Plant #1
Pumped		at Water Plant #2
Total Supplied	17,864,000	
Daily Average	576,258	

Harris County MUD #136

Water Production and Accountability Report

Meter Read Date	Produced (MG)	RWA (MG)	Purchased (MG)	Billed (MG)	Sold (MG)	Unmetered (MG)	Accountability (%)	Four Month Average
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
12/01/10 - 12/28/10	0.000	10.536		10.516	0.000	0.000	99.8	104.7
12/29/10 - 01/28/11	0.026	8.376	0.656	7.994	0.000	0.068	89.0	98.9
01/29/11 - 02/28/11	0.000	10.578	0.000	9.040	0.000	1.363	98.3	96.9
03/01/11 - 03/29/11	0.091	13.282		13.115	0.000	0.078	98.7	96.5
03/30/11 - 04/28/11	0.051	18.547		18.899	0.000	0.087	102.1	97.0
04/29/11 - 05/27/11	1.178	20.035		21.618	0.000	0.159	102.7	100.4
05/28/11 - 06/27/11	8.325	19.724		27.833	0.000	0.103	99.6	100.7
06/28/11 - 07/28/11	6.649	19.821		26.422	0.000	0.149	100.4	101.2
07/29/11 - 08/29/11	6.492	23.303		30.357	0.000	0.008	101.9	101.1
08/30/11 - 09/27/11	3.529	21.326		25.359	0.000	0.135	102.6	101.1



HARRIS COUNTY MUD #136
OCTOBER 2011

OPERATIONS CHARGES:

1. Operations Fees	3,509.15
2. Water Well	10,252.23
3. Water Distribution	8,617.65
4. Sanitary Sewer Collection	302.50
5. Lift Station	947.50
6. Administrative Services	1,036.20
TOTAL OPERATIONS CHARGES	<hr/> <u>\$24,665.23</u>

HARRIS COUNTY MUD #136
CUSTOMER BILLING REPORT
September 9, 2011 Through October 8, 2011

Billed Water for Billing Period = 25,357,500 Gallons

Current Billing:

Deposit	\$ 200.00	
Penalty	0.00	
Water	42,514.84	
Sewer	31,465.33	
Regional Water Authority	46,890.95	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	55.00	
Total Current Billing		\$ 121,208.62

Aged Receivables:

Ninety (90) Days	\$ 1,082.86	
Sixty (60) Days	6,196.10	
Thirty (30) Days	30,656.52	
Billed Arrears	37,935.48	
Credit Bal Fwd	<6,676.41>	
Total Aged Receivables		\$ 31,259.07

Accounts Receivables:

Deposit	\$ 450.00	
Late Charges	3,021.69	
Water	51,417.71	
Sewer	37,848.31	
Regional Water Authority	59,593.48	
Service Order	0.00	
Grease Trap Inspc.	82.50	
Ach Transmittal Fee	54.00	
Total Accounts Receivables		\$ 152,467.69

Deposit Liability:

Balance As Of	09/09/11	\$ 49,889.40
Collections		350.00
Adjustments		<350.00>
Balance As Of	10/08/11	\$ 49,889.40

HARRIS COUNTY MUD #136
SCHEDULED MAINTENANCE AND REPAIR TIMETABLE
OCTOBER 2011

Facility Checklist Completed:

Lift Station # 1	10/07/11
Lift Station # 2	10/07/11

Inspections Completed:

Fire Hydrants	11/05/10
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WATER WELL - DAILY PUMPAGE REPORT
 MONTH: OCTOBER 2011
 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%	538
2	0	0.0	0	0%	533
3	0	0.0	0	0%	424
4	0	0.0	0	0%	891
5	0	0.0	0	0%	637
6	0	0.0	0	0%	621
7	0	0.0	0	0%	736
8	0	0.0	0	0%	538
9	0	0.0	0	0%	615
10	0	0.0	0	0%	545
11	0	0.0	0	0%	310
12	0	0.0	0	0%	514
13	0	0.0	0	0%	344
14	0	0.0	0	0%	666
15	0	0.0	0	0%	608
16	0	0.0	0	0%	618
17	0	0.0	0	0%	626
18	0	0.0	0	0%	664
19	49	0.9	49	3%	621
20	0	0.0	0	0%	504
21	0	0.0	0	0%	720
22	0	0.0	0	0%	541
23	0	0.0	0	0%	724
24	0	0.0	0	0%	631
25	0	0.0	0	0%	660
26	0	0.0	0	0%	362
27	0	0.0	0	0%	773
28	0	0.0	0	0%	488
29	0	0.0	0	0%	341
30	0	0.0	0	0%	379
31	0	0.0	0	0%	643
TOTAL	49	0.9	49	3%	17815

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

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

HARRIS COUNTY MUD #136
Commercial Usage Report
10/08/11

CUSTOMER NAME	SERVICE ADDRESS	CURRENT USAGE	PREVIOUS USAGE	Y-T-D USAGE

C - COMMERCIAL				
WALGREEN #6909	4007 BARKER CYPRESS RD	2.7	3.0	38.9
CLAY'S RESTAURANT	17717 CLAY RD-OOD	0.0	0.0	0.0
PROSPERITY BANK	17202 CLAY RD-OOD	12.5	12.1	230.4
RANDALLS #2672	18322 CLAY RD	48.7	82.9	571.8
RUSCHE DISTRIBUTING CO.	18324 CLAY ROAD	27.2	31.4	306.2
PINEFOREST COUNTRY CLUB	PINEFOREST COUNTRY-OOD	0.0	0.0	0.0
MURPHY BERNARD	5106 WINDSONG TRAIL-OOD	24.1	43.6	174.4
Deerfield Park Community	CLAY RD @ DEERFIELD PARK-	454.5	520.3	3696.2
	Totals	569.7	693.3	5017.9

D - DISTRICT				
DIST METER-H136 LS	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	291.0	224.0	1477.0
	Totals	291.0	224.0	1477.0

I - IRRIGATION				
RANDALLS #2672	18322 CLAY RD-SPR	377.8	405.0	1777.4
WALGREENS #6909	4007 BARKER CYPRESS-SPR	63.0	70.5	342.7
RUSCHE DISTRIBUTING CO.	18324 CLAY RD-SPR	45.7	11.2	56.9
DEERFIELD VLG COMM ASSN	HEATHERSAGE @ DEERFIELD-S	36.6	58.1	397.4
VACANT	HEATHERSAGE ESP-SPR	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	3941 HEATHERSAGE-SPR-1/2	0.0	0.0	0.0
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	115.5	179.2	1453.8
DEERFIELD VLG COMM ASSN	DEERFIELD ENT @ CLAY-SPR#	15.3	24.6	209.6
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	39.3	63.6	521.1
DEERFIELD VLG COMM ASSN	DANEBRIDGE @ K HARROW-SPR	17.1	20.1	141.6
VERDANT FARMS LLC	BARKER CYPRESS-SPR	29.2	39.0	129.6
	Totals	739.5	871.3	5030.1

N - NON-PROFIT				
DEERFIELD VLG COMM ASSN	4045 DEERFIELD VLG-POOL	299.9	352.6	1919.1
	Totals	299.9	352.6	1919.1

	* * HARRIS COUNTY MUD #136 Totals * *	1900.1	2141.2	13444.1

H136 Lift Station #1

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours	LP #3 ETM	LP #3 Hours
9/1/2011	6082.1	0.0	3401.2	0	5532.9	0.0
9/2/2011	6082.1	0.0	3401.2	0	5532.9	0.0
9/3/2011	6082.1	0.0	3401.2	0	5532.9	0.0
9/4/2011	6082.1	0.0	3401.2	0	5532.9	0.0
9/5/2011	6082.1	0.0	3401.2	0	5532.9	0.0
9/6/2011	6087.5	5.4	3406.1	4.9	5537.0	4.1
9/7/2011	6087.5	0.0	3406.1	0	5537.0	0.0
9/8/2011	6089.2	1.7	3407.8	1.7	5538.4	1.4
9/9/2011	6089.2	0.0	3407.8	0	5538.4	0.0
9/10/2011	6089.2	0.0	3407.8	0	5538.4	0.0
9/11/2011	6089.2	0.0	3407.8	0	5538.4	0.0
9/12/2011	6092.8	3.6	3411.0	3.2	5539.0	0.6
9/13/2011	6092.8	0.0	3411.0	0	5539.0	0.0
9/14/2011	6092.8	0.0	3411.0	0	5539.0	0.0
9/15/2011	6095.5	2.7	3413.6	2.6	5539.0	0.0
9/16/2011	6095.5	0.0	3413.6	0	5539.0	0.0
9/17/2011	6095.5	0.0	3413.6	0	5539.0	0.0
9/18/2011	6095.5	0.0	3413.6	0	5539.0	0.0
9/19/2011	6095.5	0.0	3413.6	0	5539.0	0.0
9/20/2011	6100.4	4.9	3418.1	4.5	5539.0	0.0
9/21/2011	6100.4	0.0	3418.1	0	5539.0	0.0
9/22/2011	6102.3	1.9	3419.9	1.8	5539.2	0.2
9/23/2011	6102.3	0.0	3419.9	0	5539.2	0.0
9/24/2011	6102.3	0.0	3419.9	0	5539.2	0.0
9/25/2011	6102.3	0.0	3419.9	0	5539.2	0.0
9/26/2011	6106.1	3.8	3423.3	3.4	5542.6	3.4
9/27/2011	6106.1	0.0	3423.3	0	5542.6	0.0
9/28/2011	6106.1	0.0	3423.3	0	5542.6	0.0
9/29/2011	6106.1	0.0	3423.3	0	5542.6	0.0
9/30/2011	6109.0	2.9	3426.1	2.8	5544.0	1.4

H136 Lift Station #2

Date	LP #1 ETM	LP #1 Hours	LP #2 ETM	LP #2 Hours
9/1/2011	13803.1	0.0	9476.6	0.0
9/2/2011	13803.1	0.0	9476.6	0.0
9/3/2011	13803.1	0.0	9476.6	0.0
9/4/2011	13803.1	0.0	9476.6	0.0
9/5/2011	13803.1	0.0	9476.6	0.0
9/6/2011	13803.1	0.0	9485.7	9.1
9/7/2011	13803.1	0.0	9485.7	0.0
9/8/2011	13803.1	0.0	9490.1	4.4
9/9/2011	13803.1	0.0	9490.1	0.0
9/10/2011	13803.1	0.0	9490.1	0.0
9/11/2011	13803.1	0.0	9490.1	0.0
9/12/2011	13897.5	94.4	9496.8	6.7
9/13/2011	13897.5	0.0	9496.8	0.0
9/14/2011	13897.5	0.0	9496.8	0.0
9/15/2011	13897.5	0.0	9496.8	0.0
9/16/2011	13897.5	0.0	9496.8	0.0
9/17/2011	13897.5	0.0	9496.8	0.0
9/18/2011	13897.5	0.0	9496.8	0.0
9/19/2011	13897.5	0.0	9496.8	0.0
9/20/2011	14014.2	116.7	9508.2	11.4
9/21/2011	14014.2	0.0	9508.2	0.0
9/22/2011	14035.8	21.6	9523.4	15.2
9/23/2011	14035.8	0.0	9523.4	0.0
9/24/2011	14035.8	0.0	9523.4	0.0
9/25/2011	14035.8	0.0	9523.4	0.0
9/26/2011	14047.2	11.4	9591.5	68.1
9/27/2011	14047.2	0.0	9591.5	0.0
9/28/2011	14047.2	0.0	9591.5	0.0
9/29/2011	14056.9	9.7	9606.7	15.2
9/30/2011	14056.9	0.0	9606.7	0.0

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT**

PERMITEE NAME/ADDRESS (Include Pte Name/ Location if Different)

NAME JACKRABBIT ROAD PUD
ADDRESS C/O SEVERN TRENT SERVICES
15337 PARK ROW
HOUSTON TX 77084

TX0046621 PERMIT NO.
001 A DISCHARGE NO.

MINOR

M - INTERIM
DOMESTIC FACILITY-001

MONITORING PERIOD

FROM 11 09 01 TO 11 09 30
YR MO DAY YR MO DAY

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

*** 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)	*****	*****	7.1	*****	*****	*****	0	5/Week	GRAB
00300 I 0 0 PERM REQ	*****	*****	6.0	*****	*****	(19)		WEEKLY	GRAB
EFFLUENT GROSS VALUE	*****	*****	MO MIN	*****	*****	MG/L			
PH	*****	*****	7.2	*****	7.5		0	5/Week	GRAB
00400 I 0 0 PERM REQ	*****	*****	6.0	*****	9.0	(12)		WEEKLY	GRAB
EFFLUENT GROSS VALUE	*****	*****	MINIMUM	*****	MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	73	*****	*****	4.8	11	(19)	0	5/Week	COMP
00530 I 0 0 PERM REQ	68	*****	*****	15	40	(19)		WEEKLY	COMP
EFFLUENT GROSS VALUE	30DA AVG	*****	LBS/DY	30DA AVG	DA MAX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	1.7	*****	*****	0.11	0.19	(19)	0	5/Week	COMP
00610 I 0 0 PERM REQ	85	*****	*****	2	10	(19)		WEEKLY	COMP
EFFLUENT GROSS VALUE	30DA AVG	*****	LBS/DY	30DA AVG	DA MAX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	1.913	3.185	*****	*****	0		0	99/99	TOTALZ
50050 I 0 0 PERM REQ	REPORT DAILY AV	REPORT DAILY MAX	(03)	*****	*****	*****		CONT	TOTALZ
EFFLUENT GROSS VALUE	DAILY AV	DAILY MAX	MGD	*****	*****	*****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	3330	*****	*****	*****	0		0	99/99	TOTALZ
50050 P 0 0 PERM REQ	12200	*****	*****	*****	*****	*****		CONT	TOTALZ
SEE COMMENTS BELOW	2HR PEAK	GPM	(78)	*****	*****	*****			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	1.913	*****	*****	*****	0		0	99/99	TOTALZ
50050 Y 0 0 PERM REQ	5.10	*****	*****	*****	*****	*****		CONT	TOTALZ
ANNUAL AVERAGE	ANNL AVG	MGD		*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
ROSS BELL
SECY/TREAS

TELEPHONE 2815784200
DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TYPED OR PRINTED

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

DISCHARGE MONITORING REPORT

MINOR

PERMITTEE NAME/ADDRESS (Include Fac, Name / Location if Different)

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

TX0046621

PERMIT NO. DISCHARGE NO.

001 A

M - INTERIM
 DOMESTIC FACILITY-001

MONITORING PERIOD

FROM 11 09 01 TO 11 09 30
 YR MO DAY YR MO DAY

FACILITY LOCATION
 JACKRABBIT RD PUD WWTP
 HOUSTON TX 77084

ATTN: ROSS BELL, SECRETARY/TRES

*** 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	*****	*****	*****	*****	*****	0.07	0	01/01	GRAB
50060 A 0 0 PERM REQ	*****	*****	*****	*****	*****	0.099		DAILY	GRAB
DISINFECT, PRCS CMLPT	*****	*****	*****	*****	*****	INST MAX			
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	1.2	*****	*****	0	01/01	GRAB
50060 B 0 0 PERM REQ	*****	*****	*****	1.0	*****	*****		DAILY	GRAB
PRIOR TO DISINFECT	*****	*****	*****	MO MIN	*****	*****			
E COLI GENERAL	*****	*****	*****	*****	2.7	14	0	Weekly	GRAB
51040 I 0 0 PERM REQ	*****	*****	(13)	*****	REPORT DA GEOAV	REPORT DA MAX		1/WK	GRAB
EFFLUENT GROSS VALUE	*****	*****	100ML	*****	3.6	8	0	5/Week	COMP
BOD, CARBONACEOUS 05 DAY, 20C	*****	*****	(26)	*****	10	25		WEEKLY	COMP
80082 I 0 0 PERM REQ	*****	*****	LBS/DY	*****	30DA AVG	DA MAX			
EFFLUENT GROSS VALUE	*****	*****		*****					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 ROSS BELL
 SECY/TRES

TELEPHONE
 2815784200

DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TYPED OR PRINTED

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