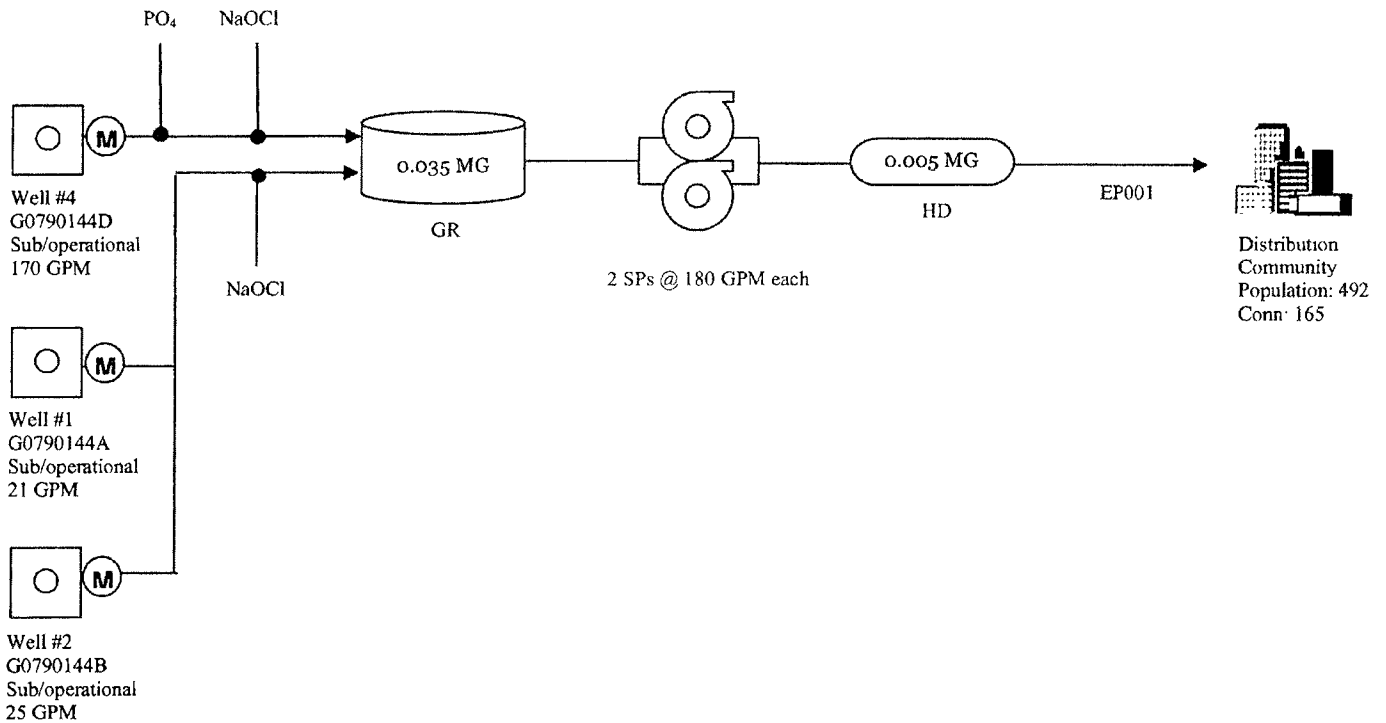


Attachment 2

PWS - SYSTEM FLOW DIAGRAM

Name of System:	Southwest Environmental Resources	Additional ID:	0790144
Investigation #:	1623657	Investigation Date:	01/22/2020
<p>Description of Sources, Treatment, Entry Points and Distribution Labeling: owner's source names and TCEQ wtrsrc code designation, types of treatment and chemicals, entry points to distribution, entry point sample taps, booster disinfection, distribution connections and layout (if possible).</p>			

Plant Location
 1902 Comanche Blvd



Attachment 3

Texas Commission on Environmental Quality	Office of Water	Public Drinking Water Section
County Map of TX	Water System Search	Office of Compliance and Enforcement

12/12/2019
02:12:17

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX0790144	SOUTHWEST ENVIRONMENTAL RESOURCES	RN101282275

Organization/Customer *	Central Registry CN
MAHAN, JEFFREY, W	CN602721755

*Regulatory mail will be addressed to this organization/person

All Water System Contacts			
Type	Contact	Communication	
AC - Administrative Contact - SUPERINTENDENT	MAHAN, JEFFREY, W PO BOX 727 ROSENBERG, TX 77471-0727	Electronic Type	Value
		Phone Type	Value
		BUS - Business	979-543-6844
		MOB - Mobile	832-496-5512
EC - Emergency Contact - SUPERINTENDENT	MAHAN, JEFFREY, W PO BOX 727 ROSENBERG, TX 77471-0727	Electronic Type	Value
		Phone Type	Value
		BUS - Business	979-543-6844
		MOB - Mobile	832-496-5512
ECS - Emergency Contact - Secondary	MAHAN, JASON PO BOX 727 ROSENBERG, TX 77471-0727	Phone Type	Value
		BUS - Business	832-816-0365
OW - Owner - SUPERINTENDENT	MAHAN, JEFFREY, W PO BOX 727 ROSENBERG, TX 77471-0727	Electronic Type	Value
		Phone Type	Value
		BUS - Business	979-543-6844
		MOB - Mobile	832-496-5512

Operator Grade	Number
WATER OPERATOR Grade A	1
CUSTOMER SERVICE INSPECTOR	1
GROUND WATER TREATMENT OPERATOR Grade B	1
GROUND WATER TREATMENT OPERATOR Grade C	1

Water Operator Licenses		
License Holder:	HEAPS, JOHN E	
CURRENT	Class: A - WATER OPERATOR	WO0031646
License Holder:	MAHAN, JEFFREY W	
CURRENT	Class: B - GROUND WATER TREATMENT OPERATOR	WG0016481
License Holder:	MAHAN, JASON D	
CURRENT	Class: C - GROUND WATER TREATMENT OPERATOR	WG0017918
License Holder:	MAHAN, JEFFREY W	
CURRENT	Class: NONE - CUSTOMER SERVICE INSPECTOR	CI0000405
License Holder:	MAHAN, JEFFREY W	
EXPIRED	Class: C - GROUND WATER TREATMENT OPERATOR	WG0000728
License Holder:	MAHAN, JASON D	
EXPIRED	Class: D - WATER OPERATOR	WO0036248

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION
Investor Owned	

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY
C - Community	

Population Type	Population Served	# of Connect	# I/C w/other PWS
Residential	492	164	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max.Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)
0.3210 MGD							

Activity Status	Inactivation Date
A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
12/10/2015	VALERIE BURKETT	Sanitary Survey	HOUSTON	FORT BEND
04/12/2013	MELODY, E KIRKSEY	Sanitary Survey	HOUSTON	FORT BEND
05/19/2010	BARRY, H PRICE	Sanitary Survey	HOUSTON	FORT BEND

(Treatment Plant)							
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	Plant Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
EP001	TRT-TAP / Ground Water (A)	PLANT - COMMANCHE BLVD(A)	TP4015		NO		NO

Train:	Unnamed			
(Treatments)				
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment
null	null	D	423	HYPOCHLORINATION, PRE
null	null	C	447	INHIBITOR, POLYPHOSPHATE

(Active Sources)							
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM	
G0790144D	4 - 1906 COMMANCHE (A)	P	G	230	180 GPM	190 GPM	
Drill Date		Source Summary					
01/01/1913		CHICOT					
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller			
29.505216	-95.809763	0	06/19/2008	Not Purchasing			
Source	Source Name (Activity Status)	Operational	Source	Depth	Tested	Rated	

Number		Status	Type		GPM	GPM
G0790144B	2 - 1906 COMMANCHE (A)	P	G	320	22 GPM	45 GPM
Drill Date		Source Summary				
06/22/1981		CHICOT				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.505117	-95.80984	0	06/19/2008	Not Purchasing		
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G0790144A	1 - 1902 COMMANCHE (A)	P	G	320	35 GPM	50 GPM
Drill Date		Source Summary				
01/14/1980		CHICOT				
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	Seller		
29.505185	-95.809958	0	06/19/2008	Not Purchasing		

(Inactive/Offline Sources)			
SourceNumber	Name	Status	Depth

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

Attachment 4

Capacity Calculations Worksheet

Community Systems (Groundwater)

Fill in green cells only

System Name: Southwest Environmental Resources

PWS ID: 0790144

Inv. No.: 1623657

Community (Y/N)	Y
MHP (≥ 8 units/ac) or Apts? (Y/N)	N
CCN? (Y/N)	Y
Number of Connections	165
Population	492

Maximum Daily Demand (MDD):	0.039	MGD
Average Daily Demand (ADD):	0.0230	290.38(43)
MDD Date (mm/dd/yyyy):	5/19/2019	
ADD Dates (mm/dd/yyyy):	1/1/2019	to 12/31/2019

	Rate	Units	Conn.	Required	Units	Provided	85% Rule	% Short	Sufficient?(Y/N)
Prod. Capacity:	0.6	gpm/conn	165	99	gpm	216	46%	N/A	Y
Production ACR:		gpm/conn							
Pressure Storage (HD):	20	gal/conn	165	0.0033	MG	0.005	66%	N/A	Y
HD ACR:		gal/conn							
Elevated Storage (EL):	39	gal/conn	165	0.006435	MG	0	N/A	N/A	Meets HD req.
EL ACR:	39	gal/conn							
Ground Storage (GR):						0.035			
Total Storage*:	200	gal/conn	165	0.033	MG	0.035	94%	N/A	Y
Tot. Storage ACR:		gal/conn							
*Total Storage = GR + EL + ST									
SP Capacity:	2	gpm/conn	165	330	gpm	360	92%	N/A	Y
SP ACR:		gpm/conn							
SP Capacity:	(w/largest pump out of service)				gpm				
SP Peaking Factor:	N/A	-	165	0	gph	0	N/A		N/A

Bacti Samples:

Wholesale Contract? (Y/N)	N		Required	Submitted
Maximum Purchase Rate?	N/A	MGD	Distribution 1	1
			Raw 0	0

Capacity Calculations Worksheet

System Name: Southwest Environmental Resources

PWS ID: 0790144

Inv. No.: 1623657

Additional Comments:

Attachment 5

Investigation Photographs

**Southwest Environmental Resources
1902 Comanche Boulevard
Rosenberg (Fort Bend County), Texas
Regulated Entity No: 101282275
TCEQ PWS ID No: 0790144
Investigation Date: January 22, 2020**



PHOTOGRAPH #1

Description: The phosphate container and 100 gallon bleach container did not have adequate containment. Observed during the investigation on January 22, 2020.

Taken by: Investigator Heller

Investigation Photographs

Southwest Environmental Resources
1902 Comanche Boulevard
Rosenberg (Fort Bend County), Texas
Regulated Entity No: 101282275
TCEQ PWS ID No: 0790144
Investigation Date: January 22, 2020



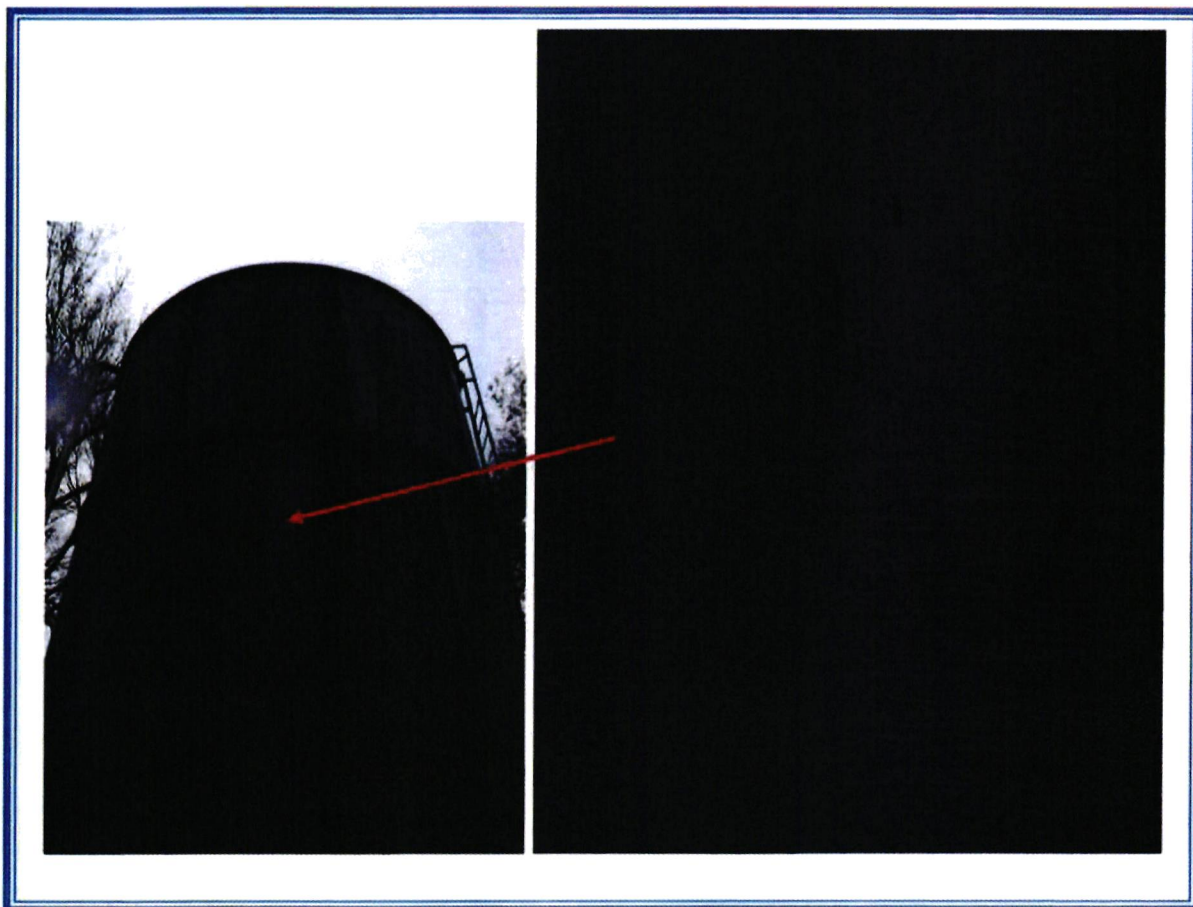
PHOTOGRAPH #2

Description: Water was observed pooling at well number 1 during the investigation on January 22, 2020.

Taken by: Investigator Heller

Investigation Photographs

**Southwest Environmental Resources
1902 Comanche Boulevard
Rosenberg (Fort Bend County), Texas
Regulated Entity No: 101282275
TCEQ PWS ID No: 0790144
Investigation Date: January 22, 2020**



PHOTOGRAPH #3

Description: *The Ground storage tank had some rusting and pitting on the exterior of the tank. Observed during the investigation on January 22, 2020.*

Taken by: Investigator Heller

Attachment 6

Katherine Heller

From: Cecilia Buchanan [REDACTED]
Sent: Friday, February 7, 2020 9:21 AM
To: Katherine Heller; Jeff Mahan
Subject: Southwest Environmental Exit Interview response
Attachments: TCEQ Exit Interview response - Southwest Environmental - Jeff Mahan.pdf

Good morning Katherine, attached you will find the response from Southwest Environmental - Jeff Mahan to the TCEQ Exit Interview issues.

Should you have any questions please contact Jeff Mahan directly via email [REDACTED] or by phone at [REDACTED]

Kind regards,

Cecilia Buchanan on behalf of Jeff Mahan

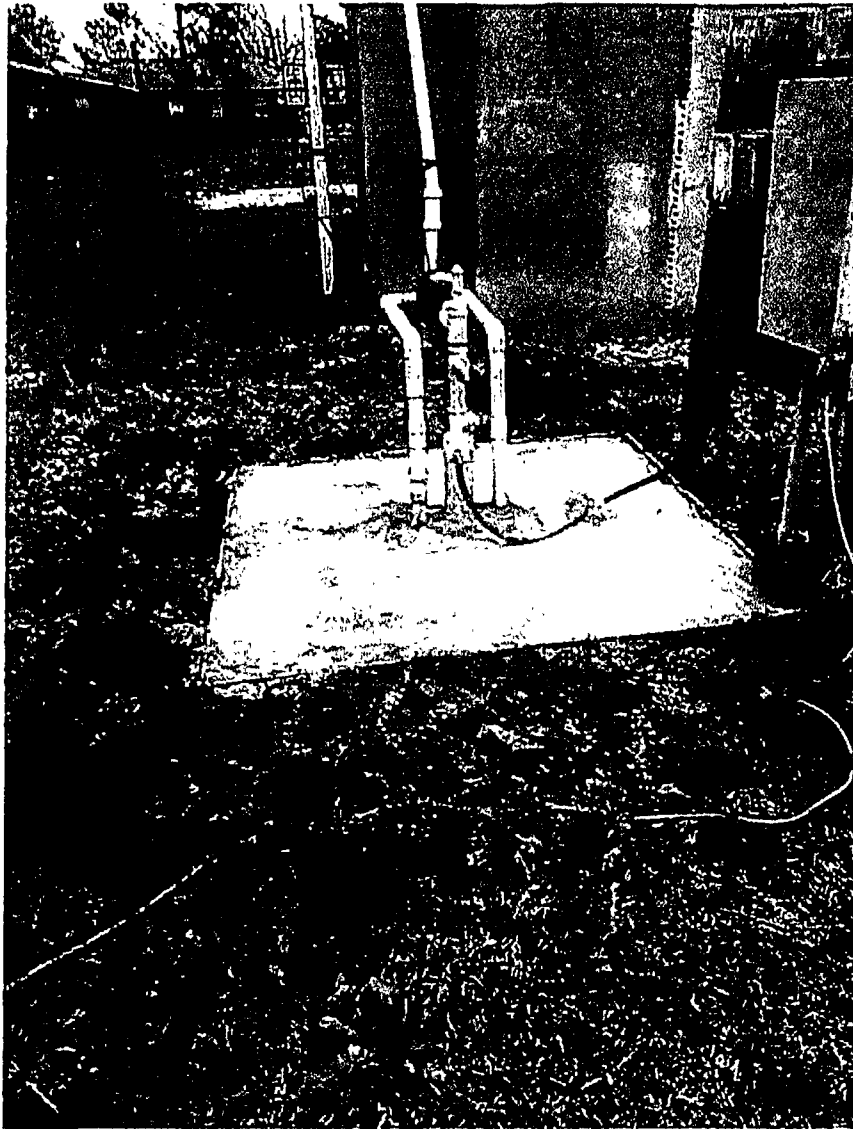
February 6, 2020

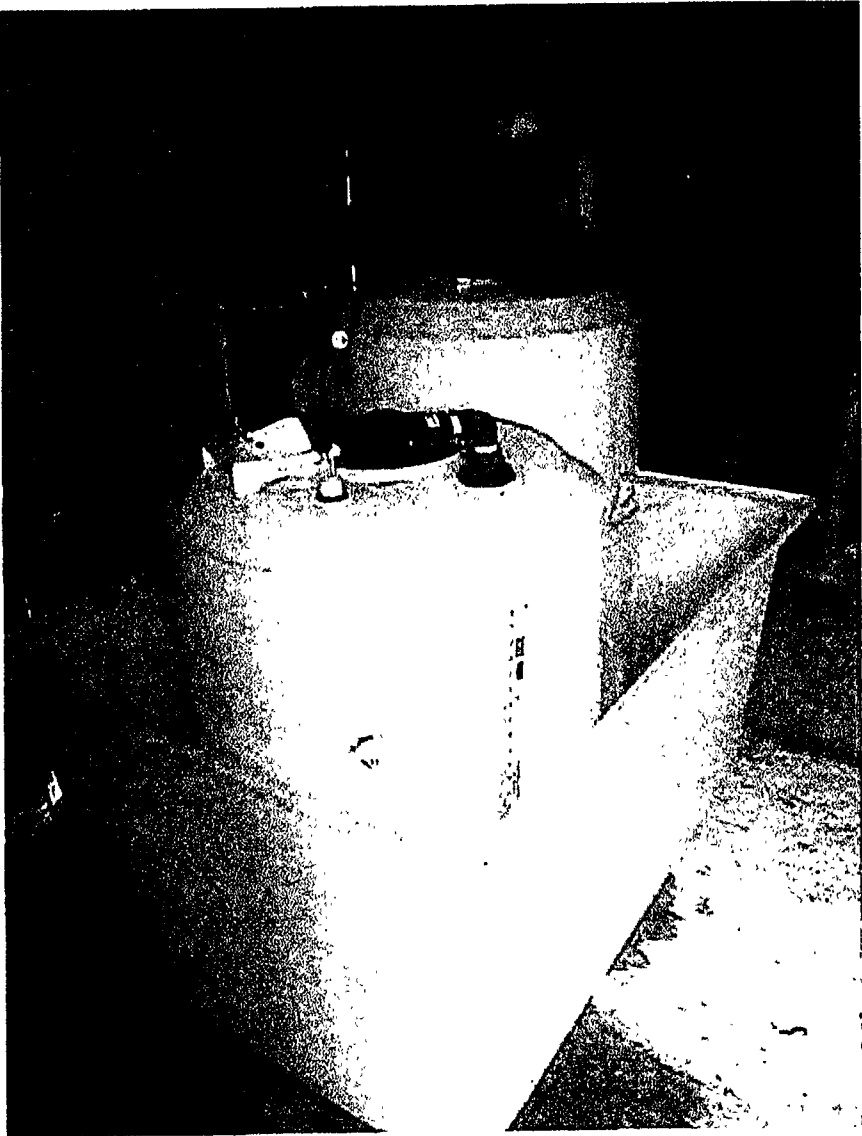
TCEQ EXIT INTERVIEW FORM – Response from Southwest Environmental Services – Jeffrey Mahan

Issue answers below:

1. See photo attached of concrete around Well #1 – New concrete was poured and raised by 2 inches.
2. See photo attached showing the secondary containment – 340 gallons containment
3. Tank is scheduled for cleaning and inspection on March 10th – pitting and rusting will be repair – Note that as of now it is not leaking.
4. Samples are going to be scheduled in a rotating basis.
5. Southern flow meters are scheduled the week of February 9th to calibrate the well meters 1, 2 and 4.
6. Attached is the drought contingency plan
7. Attached you will find the map of the distribution system
8. Attached is the approval letter dated August 17, 1994 from the Texas Natural Resource Conservation Commission in reference to Well #4.
9. At the time I acquired Well # 1 no documentation was provided
10. At the time I acquired Well # 2 no documentation was provided
11. See attached photo that HR/LR colorimeter is being done in both.
12. No more connections will be added to the system
13. Chemical supplier has been scheduled to run an analysis and make necessary adjustment
14. See attached photo showing no gap over 1/16 inch.

Issue #1





Issue # 6

SEE FOLLOWING PAGES FOR THE DROUGHT CONTINGENCY PLAN

DROUGHT CONTINGENCY PLAN

FOR THE

Horseshoe Bend Village

August 28, 2000

Section I: Declaration of Policy, Purpose, and Intent

In cases of extreme drought, periods of abnormally high usage, system contamination, or extended reduction in ability to supply water due to equipment failure, temporary restrictions may be instituted to limit non-essential water usage. The purpose of the Drought Contingency Plan is to encourage customer conservation in order to maintain supply, storage, or pressure or to comply with the requirements of a court, government agency or other authority.

Water restriction is not a legitimate alternative when the water system does not meet the Texas Natural Resource Conservation Commission's capacity requirements under normal conditions, nor when the utility fails to take all immediate and necessary steps to replace or repair malfunctioning equipment.

Section II: Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the Horseshoe Bend Village by means of public notice delivered via us mail on direct delivery to customer.

Section III: Public Education

The Horseshoe Bend Village will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of public notice delivered via us mail on direct delivery to customer.

Section IV: Coordination with Regional Water Planning Groups

The service area of the Horseshoe Bend Village is located within the Region H – Water Planning Group and Horseshoe Bend Village has provided a copy of this Plan to the Region H – Water Planning Group.

Section V: Declaration

DECLARATION OF WATER RESTRICTION. When there is an acute water supply shortage to such an extent that normal use patterns can no longer be served, the utility may implement a water restriction program in the following manner.

Section VI: Notice Requirements

Written notice will be provided to each customer prior to implementation or termination of each stage of the water restriction program. Mailed notice must be given to each customer 72 hours prior to the start of water restriction. If notice is hand delivered, the utility cannot enforce the provisions of the plan for 24 hours after notice is provided. The written notice to customers will contain the following information:

- 1) the date restrictions will begin,
- 2) the circumstances that triggered the restrictions,
- 3) the stages of response and explanation of the restrictions to be implemented, and,
- 4) an explanation of the consequences for violations

The utility must notify the TNRCC by telephone at (512) 239- 6020, or electronic mail at watermon@tnrcc.state.tx.us prior to implementing the program and must notify in writing the Public Drinking Water Section at MC - 165, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the utility's restriction notice. The utility must file a status report of its restriction program with the TNRCC every 30 days that restriction continues.

Section VII: Violations

- 1 First violation - The customer will be notified by written notice of their specific violation.
2. Second violation - After written notice the utility may install a flow restricting device in the line to limit the amount of water which will pass through the meter in a 24 hour period. The utility may charge the customer for the actual cost of installing and removing the flow restricting device, not to exceed \$50.00.
3. Subsequent violations - The utility may discontinue service at the meter for a period of seven (7) days, or until the end of the calendar month, whichever is LESS. The normal reconnect fee of the utility will apply for restoration of service.

Section VIII: Exemptions or Variances

The utility may grant any customer an exemption or variance from the drought contingency plan for good cause upon written request. A customer who is refused an exemption or variance may appeal such action of the utility by written appeal to the Texas Natural Resource Conservation Commission. The utility will treat all customers equally concerning exemptions and variances, and shall not discriminate in granting exemptions and variances. No exemption or variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Section IX: Criteria for Initiation and Termination of Drought Response Stages

Unless there is an immediate and extreme reduction in water production, or other absolute necessity to declare an emergency or severe condition, the utility will initially declare Stage I restrictions. If, after a reasonable period of time, demand is not reduced enough to alleviate outages, reduce the risk of outages, or comply with restrictions required by a court, government agency or other authority, Stage II may be implemented with Stage III to follow if necessary.

STAGE I - VOLUNTARY WATER USE RESTRICTIONS:

Goal: Achieve a voluntary 10% percent reduction in daily water demand.

Supply Management Measures:

Every April 1st, the utility will mail and/or deliver a public announcement to its customers. This announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water. A copy of the current public announcement on water conservation awareness shall be kept on file available for inspection by the TNRCC.

Voluntary Water Use Restrictions:

Water customers are requested to voluntarily limit the use of water for non-essential purposes and to practice water conservation.

STAGE II - MILD WATER USE RESTRICTIONS:

Goal: Achieve a voluntary 20% percent reduction in daily water demand.

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses when total daily water demand equals or exceeds 0.0550 million gallons for 3 consecutive days of 1.1 million gallons on a single day.

Requirements for termination

Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 5 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

Supply Management Measures:

Visually inspect lines and repair leaks on a daily basis, reduced or discontinued flushing of water mains, activation and use of any alternative supply source(s); use of reclaimed water for non-potable purposes.

Voluntary Water Use Restrictions:

1. **Restricted Hours:** Outside watering is allowed daily, but only during periods specifically described in the customer notice; between 10:00 PM and 5:00 AM for example; OR
2. **Restricted Days/Hours:** Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9),

and to only irrigate landscapes between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.

STAGE III - MODERATE WATER USE RESTRICTIONS:

Goal: Achieve a 30% percent reduction in daily water demand.

Requirements for initiation

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses when total daily water demand equals or exceeds 0.0605 million gallons for 3 consecutive days of 1.21 million gallons on a single day.

Requirements for termination

Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 5 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

Supply Management Measures:

Visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains. *Describe additional measures, if any, to be implemented directly by the utility to manage limited water supplies and/or reduce water demand. Examples include: activation and use of an alternative supply source(s); use of reclaimed water for non-potable purposes.*

Water Use Restrictions: The following water use restrictions shall apply to all customers.

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to **Mondays for water customers with a street address beginning with the numbers 1, 2, or 3, Wednesdays for water customers with a street address beginning with the numbers 4, 5, or 6, and Fridays for water customers with a street address beginning with the numbers 7, 8, or 9.** Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket, watering can of five (5) gallons or less, or a drip irrigation system.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or "jacuzzi" type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.

5. Use of water from hydrants or flush valves shall be limited to maintaining public health, safety, and welfare.
6. Use of water for the irrigation of golf courses, parks, and green belt areas is prohibited except by hand held hose and only on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
7. The following uses of water are defined as non-essential and are prohibited:
 - a. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - b. Use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - c. Use of water for dust control;
 - d. Flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - e. Failure to repair a controllable leak(s) within a reasonable period after having been given notice, directing the repair of such leak(s).

STAGE IV - CRITICAL WATER USE RESTRICTIONS:

Goal: Achieve a per customer limit in water usage equivalent to or below the winter months average per customer.

Requirements for initiation:

Customers shall be required to comply with the requirements and restrictions for Stage 4 when the utility determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s).

Requirements for termination:

Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 5 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

Supply Management Measures:

The utility shall visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains and only between the hours of 9:00 p.m. and 3:00 a.m. Emergency interconnects or alternative supply arrangements shall be initiated. All meters shall be read as often as necessary to insure compliance with this program for the benefit of all the customers.

Water Use Restrictions: All outdoor use of water is prohibited.

1. Irrigation of landscaped areas is absolutely prohibited.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

September 1, 2000

Mr. Steve Black, P.E., Acting Manager
TNRCC
Utility & Districts Section, MC 153
P.O. Box 13087
Austin, TX 78711-3087

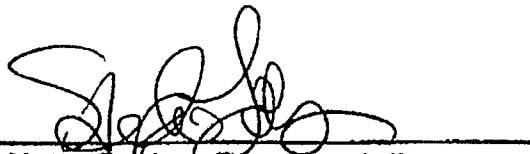
RE: Request for minor tariff amendment for Horseshoe Bend Village
Water System, CCN No. 11648, PWS ID No. 0790144.

Dear Mr. Blackhurst:

We are requesting approval of a minor tariff amendment to include the enclosed drought contingency plan in Horseshoe Bend Village Water System approval tariff. The complete plan is enclosed for TNRCC review and approval.

Please contact Mr. Jeff Mahan, Contract Operator at (281) 341-7459 if you have any questions.

Sincerely,



Water System Representative
Horseshoe Bend Village Water System

Issue #7

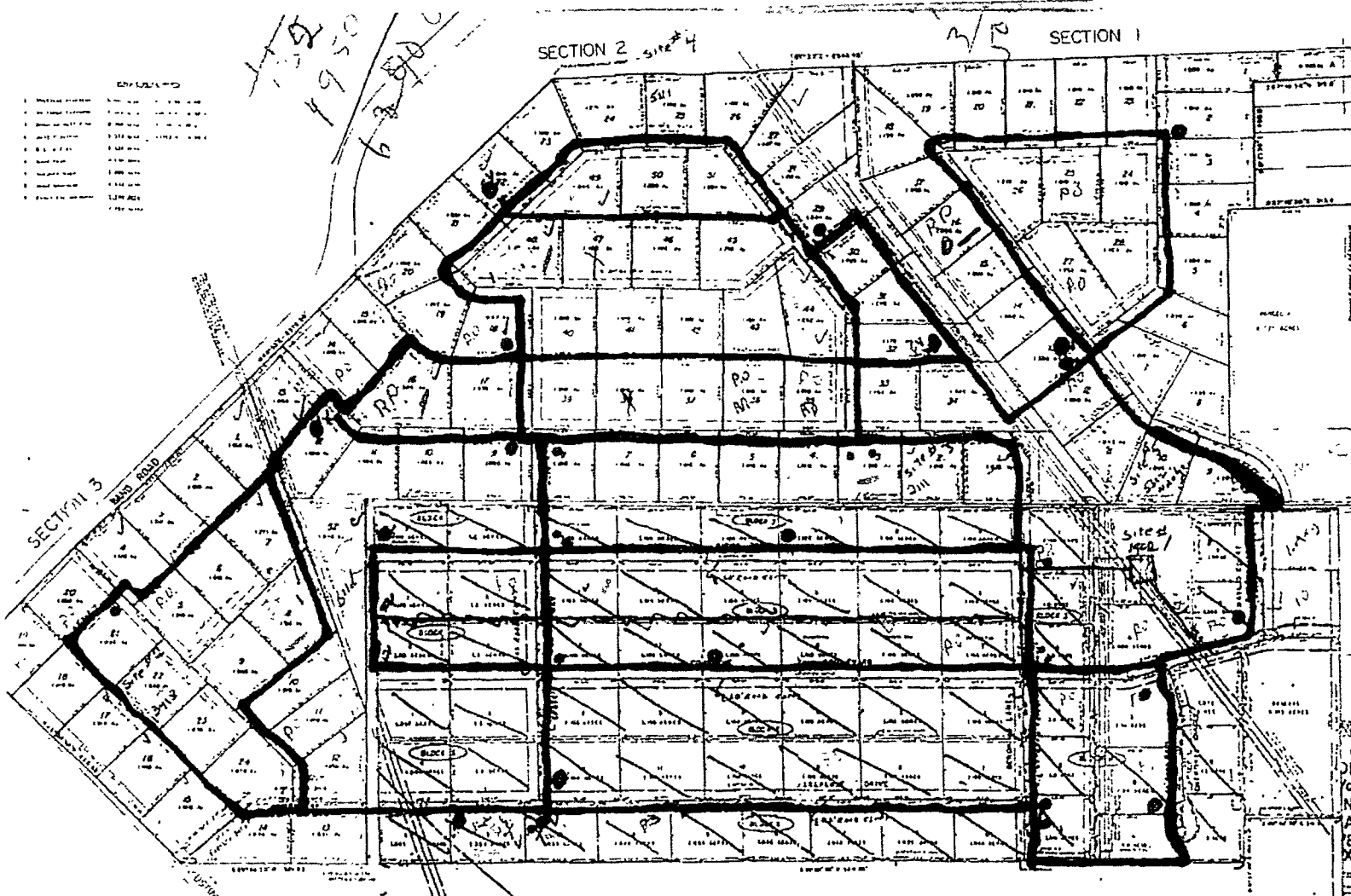
SEE ATTACHED MAP OF THE DISTRIBUTION

EXPLANATION	
1. Water lines	Blue
2. Sewer lines	Red
3. Gas lines	Green
4. Electric lines	Black
5. Telephone lines	Black
6. Fire hydrants	Black
7. Manholes	Black
8. Valves	Black
9. Other structures	Black
10. Easements	Black
11. Survey lines	Black
12. Section lines	Black
13. Township lines	Black
14. County lines	Black
15. State lines	Black
16. National boundaries	Black
17. Other boundaries	Black
18. Unimproved lands	Black
19. Other lands	Black
20. Other	Black

1950
6-8-80 C

SECTION 2 site #4

SECTION 1



16.23
16.23
16.23
16.23
16.23

Blue 4" water lines
Red Flush valves
Green Isolation valves

HORSE SHOE BEND VILLAGE

PLAT SHOWING SURVEY AND DIVISION OF 81.597 ACRES OF LAND IN THE B. B. B. & C. RR. COMPANY SURVEY #9, ABSTRACT #131, B. A. J. JAMES SURVEY, ABSTRACT #37, FORT-BEND COUNTY, TEXAS.

VILLAGE
OF 122.468 ACRES
ON J TOMASCO TR.
(Vol. 671, Pg. 904, D.R.)
IN THE B. B. B. & C. RR.
AB. 131 & 16.23 ACRE
EY. AB. 37, FORT BEND
XAS.

Surveyor's Seal
STATE TOWNY NO. 36 - 100

Issue #8

SEE ATTACHED LETTER FROM Texas Natural Resource Conservation Commission

Mr. George H. Neill, P. E.

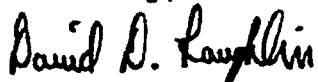
Page 2

August 17, 1994

The well cannot be placed in service until the following completion data is submitted to the Commission for review: driller's log and material setting data; cementing data; results of a 36 hour pumping test; chemical analysis; 3 bacteriological sampling results (3 separate days); and a copy of the recorded sanitary control easement document. All inoperable or abandoned wells within one quarter mile of the well site must be properly plugged and sealed. Existing or potential pollution hazards within one quarter mile which may affect ground water quality must be reported prior to construction (§290.41(c)(1)(E) and (3)(A)).

Please contact us at 512/239-6960 if you need further assistance.

Sincerely,



David D. Laughlin, P. E.
Plans Review and Rate Design Team
Water Utilities Division

DDL/ddl/wem

cc: Horseshoe Bend Village
TNRCC Region No. 12 Office (w/approved materials attached)

John Hall, Chairman
Pam Reed, Commissioner
Peggy Garner, Commissioner
Anthony Grigsby, Executive Director



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

August 17, 1994

Mr. George H. Neill, P. E.
George H. Neill & Associates, Inc.
P. O. Box 512
Stafford, Texas 77477

Re: Horseshoe Bend Village
Proposed Water Well
Texas Natural Resource Conservation Commission (TNRCC) Public
Water System I. D. No. 0790144
Plans Review Log No. 408/044
Fort Bend County, Texas

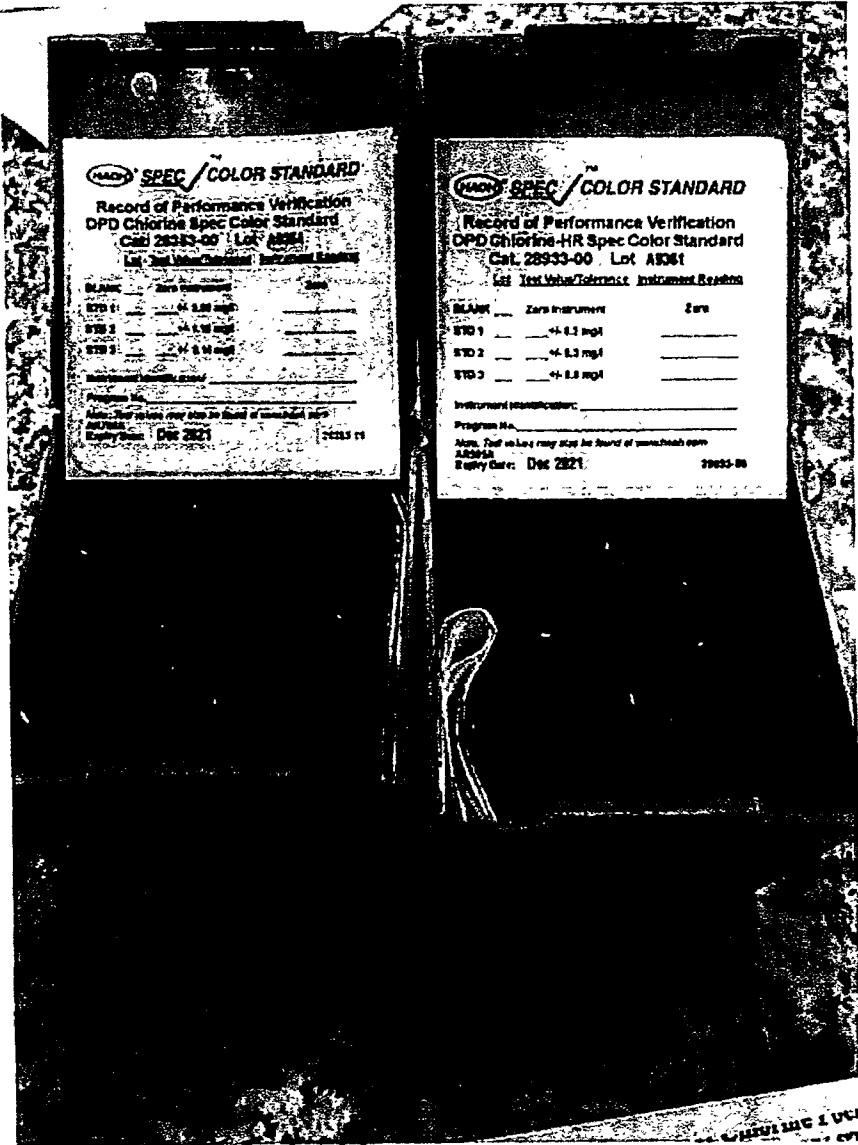
Dear Mr. Neill:

We have reviewed an engineering report, three sheets of engineering drawings, an unrecorded sanitary control easement, a U. S. Geological Survey 7.5 minute map, and technical specifications submitted with your August 3, 1994 letter. The reviewed material describes the construction of the following components:

- * a 450 foot deep well cased with 420 LF of 6-inch I. D. pressure-cemented steel pipe, 30 LF of 4-inch I. D. stainless steel rod-based screen, 10 LF of 4-inch I. D. PVC schedule 80 blank liner and a submersible pump rated for 135 gpm;
- * 70 LF of 3-inch diameter PVC well discharge piping (ASTM D-2241 SDR 26); and,
- * six foot high chain link fencing with three strands of barbed wire, electrical controls, and related appurtenances.

The well will provide additional water supply for peak demand periods and will be located near the existing water plant off Comanche Boulevard.

Our review indicates that the proposed well and related facilities were designed in compliance with the applicable minimum standards as set forth in Chapter 290 of the Texas Natural Resource Conservation Commission's (TNRCC) rules entitled Rules and Regulations For Public Water Systems. On that basis, the facilities are approved for construction.



**HACH Chlorine Pocket Colorimeter Cat No. 58700-00
SECONDARY STANDARDS CALIBRATIONS**

DPD-Chlorine HR Secondary Standards Kit High Range

Lot# 9360 Cat No. 2893 300

Expiration Date: Dec 21

Test Kit # _____

Inspector: *[Signature]*

Date	Blank	Reading	STD 1	Result	STD 2	Result	STD 3	Result
1-22-20	Blank	0	2.1 +/- 0.2mg/L	2.1	3.7 +/- 0.3mg/L	3.6	6.7 +/- 0.6mg/L	6.6
1-29-20	Blank	0	2.1 +/- 0.2mg/L	2.0	3.7 +/- 0.3mg/L	3.7	6.7 +/- 0.6mg/L	6.6
2-4-20	Blank	0	2.1 +/- 0.2mg/L	2.0	3.7 +/- 0.3mg/L	3.8	6.7 +/- 0.6mg/L	6.7
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	
	Blank		2.1 +/- 0.2mg/L		3.7 +/- 0.3mg/L		6.7 +/- 0.6mg/L	

*If results are not within the allowable control limits, refer to HACH Pocket Colorimeter Instruction Manual

HACH CHLORINE POCKET COLORIMETER Cat No. 38700-00
SECONDARY STANDARDS CALIBRATIONS

DPD-Chlorine LR Secondary Standards Kit Low Range

Lot A 9354 Cat No. 28353-00

Expiration Date: Dec 21

Test Kit # _____

Inspector: *[Signature]*

Date	Blank	Reading	STD 1 0.23 +/- .09mg/l	Result	STD 2 0.91 +/- .10mg/l	Result	STD 3 1.63 +/- .14mg/l	Result
1-20-20	Blank	0	0.23 +/- .09mg/l	0.20	0.91 +/- .10mg/l	0.87	1.63 +/- .14mg/l	1.62
1-23-20	Blank	0	0.23 +/- .09mg/l	0.18	0.91 +/- .10mg/l	0.90	1.63 +/- .14mg/l	1.61
1-27-20	Blank	0	0.23 +/- .09mg/l	0.19	0.91 +/- .10mg/l	0.89	1.63 +/- .14mg/l	1.60
1-29-20	Blank	0	0.23 +/- .09mg/l	0.20	0.91 +/- .10mg/l	0.90	1.63 +/- .14mg/l	1.61
2-4-20	Blank	0	0.23 +/- .09mg/l	0.19	0.91 +/- .10mg/l	0.90	1.63 +/- .14mg/l	1.60
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	
	Blank		0.23 +/- .09mg/l		0.91 +/- .10mg/l		1.63 +/- .14mg/l	

*If results are not within the allowable control limits, refer to HACH Pocket Colorimeter Instruction Manual

Issue #14





Franchise Tax Account Status

As of . 07/15/2021 15:46 37

This page is valid for most business transactions but is not sufficient for filings with the Secretary of State

MANVEL TERRACE UTILITIES, INC.

Texas Taxpayer Number 30009643062

Mailing Address PO BOX 690521 HOUSTON, TX 77269-0521

Right to Transact Business in Texas ACTIVE

State of Formation TX

Effective SOS Registration Date 12/30/1985

Texas SOS File Number 0078001700

Registered Agent Name Not on file

Registered Office Street Address

WORK EXPERIENCE

Flow-Tech Utility

3/2013- Current

President/General Manager

- Formulate and implement departmental goals, procedures and operating policies
- Insuring productivity levels are maintained through effective monitoring
- Conduct job site inspections and evaluations to assure compliance to permits and safety guidelines.
- Review completed work
- Communicate complex customer complaints and issues
- Conduct training sessions to keep employees updated on new systems that are implemented and to review normal operating procedures.
- Manage office and field personnel
- Currently operate, maintain 26 wastewater treatment facilities, 62 water treatment facilities and conduct billing for 9 water and wastewater systems including Manvel Terrace Subdivision.

Severn Trent Services

12/2009- 3/2013

Operations- Assistant Area Manager

- Formulate and implement departmental goals, procedures and operating policies
- Insuring productivity levels are maintained through effective monitoring of SCADA and Hansen systems.
- Conduct job site inspections and evaluations to assure compliance to permits and safety guidelines.
- Review completed work
- Communicate complex customer complaints and issues
- Conduct training sessions to keep employees updated on new systems that are implemented and to review normal operating procedures

Severn Trent Services

8/2006 – 12/2009

Operations- Lead Facilities operator/ Field supervisor

- Operate multiple wastewater plants, off site lift stations and water plants remotely
- Reduced the volume of solids being removed from facilities, saving M.U.D. districts 40% of their budgeted amount for solids removal
- Engaged in the emergency repair and maintenance of treatment equipment
- Operation and monitoring of SCADA systems for water and wastewater systems
- Trained employees on team work, scada systems, proper plant operations and schematics, repair and installation techniques and safe work practices
- Communicate with client and customers related to routine technical aspects of operations
- Managed personnel in facilities (19)
- Responds to call outs and after hours emergencies
- Diagnosing control problems individually and as a team.

Severn Trent Services

9/2004 – 7/2006

Plant Operator II

- Monitor the performance of all plant equipment, gauges and charts in the treatment plant and pump stations
- Operated multiple wastewater treatment plants, lift stations and ground water treatment facilities
- Managed solids in wastewater plants to keep effluent at highest quality
- Conducts routine sampling and field testing of water and wastewater
- Compiles data for chemical use and keeps records on equipment and plant operations
- Performed routine maintenance, monitoring and samples on all water wells
- Responded to call outs and after hours emergencies

- **Severn Trent Services** 2/2004 – 9/2004
- Field Technician II
- Repaired minor leaks
- Completed tasks of district customers
- Operate and maintain valves, fire hydrants and collection systems.
- Repair and replace meters, gaskets and other equipment as needed
- Assist crews in making major repairs to collection systems and water systems
- On call 24 hours a day to assist with any issues

- **City Of Houston** 2/2002 – 2/2004
- Plant Operator Trainee
- Assist Senior Operators in the operation and maintenance of the surface water plant
- Monitor several facilities via SCADA
- Check pump and motors operation
- Run lab tests on the quality of water
- Check proper dosages of chemicals in water
- Clean and maintain water plant as needed
- Operated sludge dewatering facility

EDUCATION

University of Houston-Downtown, Houston TX 9/2008 – 2010

Lone Star College, Cypress TX 9/2006 – 12/2008

LICENSES

Class B wastewater license
 Class B groundwater license

