

Control Number: 46494



Item Number: 13

Addendum StartPage: 0

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APPLICATION OF WIEDENFELD WATER WORKS, INC. AND SWWC UTILITIES, INC. DBA WATER SERVICES, INC. FOR APPROVAL OF INTER-COMPANY TRANSFER OF ASSETS

2017 JAN 27 PM 2: 22 PUBLIC UTILITY COMMISSION PUBLIC UTILITY COMMISSION FILING CLERK

OF TEXAS

RESPONSES OF WIEDENFELD WATER WORKS, INC. AND SWWC UTILITIES, INC. TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION QUESTION NOS. STAFF 1-1 THROUGH STAFF 1-3

To: Staff of the Public Utility Commission of Texas ("Staff"), by and through its attorney of record, Jason Haas, 1701 North Congress Avenue, P. O. Box 13326, Austin, Texas 78711-3326.

Wiedenfeld Water Works, Inc. ("WWW") and SWWC Utilities, Inc. ("SWWC") files

their Responses to the Public Utility Commission of Texas ("Commission") Staff's First-

Requests for Information. This response may be treated by all parties as if it were filed under

oath. These responses are timely filed.

Respectfully submitted,

LLOYD GOSSELINK ROCHELLE & TOWNSEND, P.C. 816 Congress Avenue, Suite 1900 Austin, Texas 78701 Telephone: (512) 322-5800 Facsimile: (512) 472-0532

LAMBETH TOWNSEND State Bar No. 20167500

WILLIAM A. FAULK, III State Bar No. 24075674

ATTORNEYS FOR WIEDENFELD WATER WORKS, INC. AND SWWC UTILITIES, INC.

CERTIFICATE OF SERVICE

I, Cody Faulk, attorney, certify that a copy of this document was served on all parties of record in this proceeding on this 27th day of January, 2017, in the following manner: hand delivered, sent via facsimile, or mailed by U.S. First Class Mail.

CODY, FAULK

3146/19/7257573

DOCKET NO. 46494

RESPONSES OF WWW AND SWWC TO STAFF'S FIRST REQUESTS FOR INFORMATION QUESTION NOS. STAFF 1-1 THROUGH 1-3

STAFF NO. 1-1: Please provide the capacity exceptions sent to the TCEQ for Oak Ridge Estates and Verde Park.

• Has the TCEQ responded to these exceptions? If so, provide their responses.

RESPONSE: No "capacity exceptions" were submitted to TCEQ for Oak Ridge Estates and Verde Park. Alternatively, "85% Planning Reports" were submitted for both systems. The TCEQ responded to both. The reports and the responses are attached as Attachment Staff 1-1.

Prepared by:George Freitag, P.E.Sponsored by:George Freitag, P.E.

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Wiedenfeld Water Works, Inc.

A SouthWest Water Company

1620 Grand Avenue Parkway Suite 140 Pflugerville, TX 78660

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August 1, 2016

Texas Commission on Environmental Quality Plan Review Team – MC 159 PO Box 13087 Austin, TX 78711-3087

Re: 85% Planning Report Verde Park Estates Water System, PWS ID No. 1330027

To Whom it May Concern:

During the most recent comprehensive compliance investigation of the Verde Park Estates water system, conducted April 25-26, 2016, it was noted the system has reached 97% of its service pump capacity.

Please see attached 85% Planning Report for the Verde Park Estates Water System.

If you have any questions, please contact us at (512) 219-2294.

Sincérely,

Tim Williford Environmental Health and Safety Manager Southwest Water Company

• Enclosures

CC: TCEQ Region 13 Gary Rose Joe Torraiva

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Technical Memorandum

VERDE PARK ESTATES

Public Water System ID No. 1330027

CCN No. 12052

July 8, 2016

Prepared By:



SouthWest Water Company

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12535 Reed Road Sugar Land, TX 77478 (281) 207 – 5800

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INTRODUCTION

Verde Park Estates Park PWS ("the District"), Public Water System ID No. 1330027 is an existing public water system located in sothernem Kerr County, Texas, approximately 2 miles South of Center Point, Texas and is bounded on the north by Texas FM 460. The District currently provides potable water service to 68 equivalent single family connections ("ESFC's") under Certificate of Convenience and Necessity No. 12052, and is owned, operated, and maintained by SouthWest Water Company ("SWWC", TCEQ Reference Number CN600650725). A Location and Service Area Map for the District is provided herein as Appendix A.

On June 5, 2016, SWWC completed a comprehensive analysis of the District's existing water supply, storage, and distribution facilities. The intent of this analysis was to identify any current facility deficiencies from a regulatory and operational perspective, and at the same time evaluate the adequacy of those facilities to serve anticipated future growth as well as the ultimate capacity of the District's service area (see Appendix A). This document is further intended to serve as the TCEQ 85% Capacity Report as specified by 30 TAC §291 93(f)(3).

EXISTING CONDITIONS

The District's primary source of water is ground water supplied by one water well. Groundwater is pumped from the existing wells to the District's existing Ground Water Treatment Plant No. 1, where the raw water is treated, disinfected, stored, and ultimately pumped to the existing water distribution system for customer consumption.

The District's existing water supply, storage, and distribution system consists of the following components:

- 1. One (1) 54 gpm water well (499 TVD) with a 10 HP submersible water pump.
- 2. One (1) 56,000 gallon bolted steel standpipe storage tank, providing a total storage capacity of 56,000 gallons.
- 3. One (1) 5 HP close-coupled booster pumps, providing a firm pumping capacity of 60 gpm (with the largest booster pump out of service).
- 4. One (1) 3 HP close-coupled booster pumps, providing a firm pumping capacity of 60 gpm (with the largest booster pump out of service).
- 5. Two (2) welded steel hydro pneumatic tanks, providing a total pressure tank capacity of 1,920 gallons.
- One (1) liquid chlorine disinfection system, fully functional and complete with all necessary and required equipment, piping, and appurtenances.

As of the date of this report, the District currently provides potable water service to 68 active ESFC's. Table 1, below, illustrates the District's actual existing water system capacities, and compares them to the TCEQ's Minimum Water System Capacity Requirements as specified by 30 TAC §290.45, as well as to the system's 85% Capacity as specified by 30 TAC §291.93(f)(3).

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TABLE 1-A: ANALYSIS OF EXISTING WATER SYSTEM CAPACITIES

District Name: Verde ParkExisting Active ESFC's:68Elevated Connections:47Hydro-Tank Connections:21

TCEQ Minimum Water System Capacity Requirements per 30 TAC §290.45:

Well:	0.6 gpm/ESFC
Booster Pumps:	2.0 gpm/ESFC
Ground Storage Tanks:	200.0 gal/ESFC
Hydropneumatic Tanks:	20.0 gal/ESFC
Elevated Storage	100.0 gal/ESFC

TOTAL EXISTING SYSTEM CAPACITY

System Component	Actual Existing , Capacity	Required Min. Capacity	85% Capacity	 Rated Capacity (ESFC's) ,
Well	54 gpm	41 gpm	46 gpm	90
Booster Pumps ⁽¹⁾	60 gpm	42 gpm	51 ģpm	30
Elevated Tanks	18.000 gpm	4,700 gal	15,300 gpm	90
Ground Storage Tanks	36,000 gal	13,600 gal	30,600 gal	180
Hydropneumatic Tanks	1,920 gal	420 gai	1,632 gal -	96

(1) The actual existing booster pump capacity is the firm pumping capacity with the largest pump out of service,

As indicated above in Tables 1-A, two pressure planes exist with approx. 21 customers connected to the booster – pump & hydro pneumatic tank assembly hydraulically separated from the standpipe (Ground Storage Tank). The remaining 47 connections are served from the elevated storage. The booster pumps are each controlled by a pressure switch located at or in the piping to the pressure tank. They are set to operate automatically between 45 (cut-on) and 55-psi (cut-off) pressures. The pumps can be manually operated at the pressure control switch.

ANTICIPATED ULTIMATE CONDITIONS

An analysis of the District's current service area boundary reveals that, at this time, there are 75 developed residential lots, with 50 residential lots remaining to be developed.

As noted above, the District currently provides potable water service to 68 active ESFC's. It is anticipated that the District will grow over time, thereby increasing water demand until the District reaches its fully developed status. With 68 currently active ESFC's, 50 residential lots remaining to be developed, it is anticipated that the District will ultimately serve 120 ESFC's. Table 2, below, summarizes the current and the anticipated ultimate water demand in terms of ESFC's.

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TABLE 2: EQUIVALENT SINGLE FAMILY CONNECTIONS '

Connection Type	Current	Anticipated Future
Single Family Residential	72	150
Multi Family Residential		
Commercial		
Industrial		
Schools		
Churches		
Other		
TOTAL	72	150

Thus, it is anticipated that the District will ultimately serve 150 ESFC's. Bearing the above data in mind, an analysis of the District's anticipated future water demand was performed. Table 3, below, illustrates the District's actual existing water system capacities, and compares them to the anticipated ultimate required minimum water system capacities, as specified by 30 TAC §290.45, as well as to the system's ultimate 85% Capacity, as specified by 30 TAC §291.93(f)(3).

TABLE 3: ANALYSIS OF REQUIRED ULTIMATE WATER SYSTEM CAPACITIES

District Name:	Verde Park
Total Ultimate ESFC's:	150
Elevated Connections	120
Hýdro Tank Connections	30

TCEQ Minimum Water System Capacity Regulrements per 30 TAC §290.45:

Well:	0.6 gpm/ESFC
Booster Pumps:	2.0 gpm/ÉSFC
Ground Storage Tanks:	200.0 gal/ESFC
Hydropneumatic Tanks:	20.0 gal/ESFC
Elevated Tanks	100.0 gal/ESFC

System Component	Actual Existing Capacity	Required Ult. Min. Capacity	Ult. 85% Capacity	Rated Capacity (ESFC's)
Well	52 gpm	90 ğpm	77 gpm	87
Booster Pumps ⁽¹⁾	60 gpm	- 60 gpm	51 gpm	30
Elevated Storage	18,000 gal	15,000 gal	12,750 gpm	180
Ground Storage Tanks	36,000 gal	30,000 gal	25,500 gal	180
Hydropneumatic Tanks	1,920 gal	3,000 gal	, 2,550 gal	. 96

ANTICIPATED ULTIMATE SYSTEM CAPACITY REQUIREMENTS

(1) The actual existing booster pump capacity is the firm pumping capacity with the largest pump out of service.

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As indicated above, additional water well capacity shall be required for the build-out of the service area. Planning for the build-out improvements shall done as connections come on-line.

PROPOSED IMPROVEMENTS

As of this date, we comply with the 85% capacity rules as operated- separated into two hydraulically distinct pressure planes. One-pressure plane servicing 21 connections by pump & hydro-tank, while 47 connections at MSL 1520 and lower being served by elevated means.

However, I shall recommend that we install a 5HP pump to replace the existing 3 HP pump to standardize the pump array. We shall recommend the 3-HP pump replacement added to the capital budget for 2017.

CONCLUSION

In conclusion, in order to have a more standardized pump array configuration – it is recommended that we remove and replace 3-HP booster pump to a 5-HP booster pump.

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Monitoring Plan for Verde Park Water System

235 Veree Pour Vere (Joense Fredition) (234) 1-830/634-2321 PWS ID# 1330027 Kerr County, Texas **Responsible Official: R. Charles Wiedenfeld, President** Water Supply Contact: David Jones, Operator, 830-739-5052 133 CP River Road E. Center Point, Texas 78010 1-830/634-2321

> Verde Park Water System owns and operates one groundwater well. The water system serves 180 people with 60 connections.

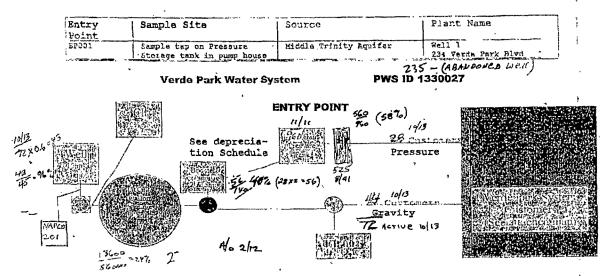
A. RAW WATER SAMPLING

Periodic sampling by TCEQ or/their contractor for all the state required constituents. We are not currently required to collect raw water bacteriological samples. Iron content is monitored periodically with Hach Cat, No. 2230-02 colorimeter and treatment by Napco 201 sequestering agent is anticipated. Upon use of Napco 201 phosphates by Hach Cat. No. 22501 will be analyzed routinely.

B. IN - PLANT SAMPLING

Disinfection, using 10% hypochlorite, is monitored for free chlorine with Hach Cat. #2230-02 colorimeter. Napco 201 (polyphosphate) is used to treat for iron content in well. Analysis of content occurs with use of Hach Cat. No. 2250.

C. ENTRY POINT SAMPLING



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Veede Park

1. Disinfectant Entering the Distribution System

Our system uses free chlorine in the distribution system.

a. Frequency: Disinfectant residual is measured once per day.

b. Location: The residual for the entry point is measured at the sample tap on the pressure storage tank inside the pump house.

c. Mathod: Chlorine is measured using a Hach Colorimeter.

d. Compliance calculations: The system is in compliance if the free chlorine residual entering the distribution system is over 0.2 mg/L.

2. Organic Chemicals, Inorganic Chemicals, and Radiochemicals

a. Frequency: The TCEQ's sampling contractor collects these samples. b. Location: The contaminant concentrations for the entry point are measured at the sample tap on the pressure storage tank.

c. Mathod: Samples are sent to a certified lab (LCRA) by the TCEO's sampling contractor.

d. Compliance calculations: If the concentrations of contaminants are less than the regulatory maximum contaminant levels, our system is in compliance. The TCEQ will inform us of violations. Copies of any letters informing us of violations will be attached in the back of this monitoring plan.

3. Chlorine Dioxide

We don't use chlorine dioxide.

4. Chlorite

We don't use Chlorine dioxide.

5. Bromate

We don't use ozona.

D. DISTRIBUTION SYSTEM SAMPLING

The distribution system consists of 60 connections. The system has one well. The water is disinfected with free chlorins. The chlorinated water is stored in an above ground storage tank and a pressure tank. The water then is pumped out to the connections in the system.

1. Coliform Samples

a. Fraquency: We collect one coliform sample per month and take it to the UGRA lab in Kerrville to have it analyzed. (See copy of form attached at end of the Monitoring plan). We rotate through the sample sites below. b. Location: The sample is taken in rotation from the outside tap at the following addresses. updated 12/08

1-830/896-5445

foliowing addrosses. i. 128 Iranpar Irail Mittail/seine YF 'in Cecanic Stray Lefr of Flowt book ii. 788 IM 480 Left's VF BY Me len iii. 158 Varde Park Blvd Avers VF Array DE IVE WAY Update iv. 230 Varde Park Blvd Reass Flow take Lof VF Mid-1469 [2/08 v. 235 Varde Park Blvd Storifank Lof VF Mid-1469 [2/08] Upper Guadalupe River Authority Laboratory 125 Lehnann

Kerrville, Texas 78028

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no repeat samples are facal or E. coli positive,
no repeat following a facal or E. coli positive routine sample is positive for total coliform,
no more than one of the routine samples are total coliform positive and none of the repeats are facal or E. coli positive.
2. Disinfectant Residual-Free Chlorine

a. Frequency: The disinfectant residual is measured at the same time as microbial samples. The disinfectant residual is also measured once every seven days, rotating through the sample sites.
b. Location: The disinfectant residual is measured at the same place the microbial sample is taken, plus four additional sites representing the whole distribution system.
c. Mathod
d. Compliance calculations: The system is in compliance with the minimum residual requirement if the free chlorine measured the distribution

d. Compliance calculations: The system is in compliance if:

residual requirement if the free chlorine residual throughout the distribution system is always greater than 0.2 mg/L. The system is in compliance with the maximum residual disinfectant level (MRDL) if the running annual average of all samples taken in the distribution system is less than 4.0 mg/L.

3. Disinfection Byproducts (DBPs) - TTHM and HAA5

a. Frequency: The TCEO's sampling contractor collects these samples. b. Location: The sample is collected from the outside tap at 180 Cedar Springs Road.

c. <u>Mathod</u>: Samples are taken to a cartified lab by the TCEQ's sampling contractor.

d. <u>Compliance calculations</u>: The system is in compliance if the running annual average of all samples is less than the maximum contaminant level. The TCEQ will notify us of any violation.

4. Lead-Copper

TCEQ will inform us when or if to perform test.

5. Asbestos

We don't have any asbestos pipe.

6. Chlorine Dioxide We don't use chlorine dioxide.

7. Chlorite We don't use chlorine dioxide.

E. LAB APPROVAL FORM

A copy of our Monthly Operations Report is attached as an appendix to this monitoring plan.

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OPERATIONS & MAINTENANCE MANUAL

For

Verde Park Estates Water system, PWS 1330027

Owned & operated by:

Wiedenfeld Water Works, Incorporated

April 2016

Plant Location: 235 Verde Park Blvd.; Center Point, Texas 78010 Wellsite 234 Verde Park Blvd Verde Park water system serves approx. 68 customers

A. RAW WATER SOURCES

The subject Verde Park Estates Park PWS uses a single production plant facility to provide potable water within the service area CCN. The potable water source is from a single active groundwater supply well.

The well's operation is controlled by one float switch in adjacent ground storage tank(s). Floats are set for approx.18° of pump operation between on & off. The wells can also be turned on manually at the tank. The manual switch is needed to check the well during monthly routine checks. If the well does not operate with the manual switch on, then a check of the breaker, and/or starter resets, at the well location, should be done. In the event of pump failure, contact Kerr Country Pump Company to evaluate the pump malfunction.

B. TREATMENT PLANT DESCRIPTION & DESIGN

The produced water is treated with a disinfectant for biological control and a sequestering agent to control discoloration by the high iron content. A free residual should be maintained between 1 & 1.5 mg/l at the plant and this will allow for residuals at the end of lines to be above state requirements.

C. PLANT DESIGN, CAPACITIES & OPERATIONS

The remaining plant facilities consists of the ground storage, pressure pumps and tanks, and the Distribution system. Each are described herein and further by attached record drawings.

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OPERATIONS & MAINTENANCE MANUAL

C/	APACITIES (a/o Apr/2016			
a.	Customer accounts = 68 (active)	TCEQ	www	-%
b.	Well capacity (0.6 gpm)	41	52	127
C.	Storage (200gal/cust)	13,600	56,000	412
d.	Elevated storage (200 gal/cust-21)	4,200	18,000	429
e.	Pressure tank (20 gal/cust-21)	420	1,920	457
f.	Booster Pump (2.0 gpm/cust - 21)	42	160	381

2. PHYSICAL STRUCTURES (mapping attached)

a. Storage facilities

1.

b. Pressure pumps

c. Pressure tanks

d. Electrical Service & Controls

Two pressure planes exists with approx. 21 customers connected to the hydropneumatic tanks. The remaining customer are supplied from the elevated storage. The pressure (booster) pumps are each controlled by a pressure switch located at or in the piping to the pressure tank. They are set to operate automatically between 45 (cut-on) and 55psi (cut-off) pressures. The pumps can be manually operated at the pressure control switch. The pumps are further protected from an empty storage tank with a "low-level shut-off" float switch. These can be overridden in an emergency by lifting the float upright.

∗3. ELECTRICAL & CONTROLS

Electrical supply, single phase is provided by Kerrville Public Utility Board for the plant at 235 Verde Park Blvd. (Acct 53403007). A second account (53403011) for the well-site, 234 Verde Park. A phase convertor is used to supply 3 phase electrical energy for the well. Service to electrical controls, breaker panels, etc is provided by Kerr Country Pump. The electric meters and Main disconnects are located on power poles within intruder resistant fencing around the plant site with a breaker panel located inside the pumphouses. A main breaker turns off all of the power inside the plant, and several smaller breakers to turn off individual pumps, air compressor, lights, and other electrical outlets. The well and pressure pump motor starters and controls are mounted on the walls inside pumphouses. All pumps, motors, and chemical feed pumps can be manually or automatically turned on and off at the main panel. It contains relays, alternator, and manual-off-auto switches.

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OPERATIONS & MAINTENANCE MANUAL

START UP PROCEDURES

If for any reason the system has been off line or down, the steps for startup of the plant are as follows:

- Turn all switches on the main control panel to the OFF position.
- 2) Check the main power source from the electrical company.
- 3) Check all the breakers to be properly reset to ON position.
- 4) Check and reset all motor starter resets.
- 5) At the main control panel turn the well switch to ON. The well and chemical feed pumps should start at this time.
- 6) At the main control panel turn either of the Booster Pump Switches to the ON position. The pump that was turned to the ON position should start if the storage tank level is above the suction line. Starting the pump will cause the
 - water level and pressure to build in the pressure tank. If the tank does not have enough level, then wait until it does and the Booster Pump will start.
- When the Booster Pump builds enough pressure in the pressure tank it will shut off.

8) At this time all switches should be in the ON position on the main control panel, and the plant should be back to complete automatic operation.

All flush valves need to be opened one or two at a time. They should be run until all air is removed from the distribution system, and a free chlorine
 residual of at least 0.5 mg/l is obtained at the last tap.

residual of at least 0.5 mg/l is obtained at the last tap

Maintenance Schedules

Daily

 Analyze record and report free chlorine residual from one of the approved sampling sites.

Weekly

1) Read well water meter once a week and record usage.

Check disinfectant & sequestering agent levels in day-tank and record.
 Collect and record disinfectant residual in distribution using the sites

noted on the monitoring plan.

Check pressure pumps for proper operation.

Check air/water controller for maintaining proper levels in pressure tank.

Monthly

 Collect two (2) microbiological samples; one from a well and labelled as a "Raw" sample, the other from a site in accordance with the Verde Park Estates monitoring plan (attached), labelled as a "Distribution sample" for analysis by a TCEQ approved/accredited laboratory. WWWInc utilizes the UGRA Lab- Kerrville and the Kendall County WCID-Comfort.
 a) prior to collecting in a 125 ml sterile container, disinfect sampling point

tap and check chlorine residual.

b) Run water from tap slowly while filling the sample to lip of container c) Complete coliform sample report form.

 d) Put sample on ice for several hours or until sample temperature is less than 40 degrees before submitting to lab.

OPERATIONS & MAINTENANCE MANUAL

- Mow and clean the outside of the plant building which includes, but is not limited to clearing the fence of any undergrowth and any other general facility cleanup.
- 3) Flush "dead-ends" and report estimated gallonage on operations report.
- 4) Finalize, sign and submit the monthly operating report to the WWW office staff.

Annually

- 1) Clean & remove sediment in storage tanks, complete the annual tank inspections and inspection forms.
- 2) Check the wellhead and the well sealing block for any cracks and/or needed caulking.
- 3) Check and replace the screens on the well vent, tank vents, etc.
- 4) Check fencing for providing proper security.

Biannually

1) Calibrate well meters

EMERGENCY CONTACTS

 Well & Pressure Pump problems: Kerr Country Pump, 1157 Sidney Baker -Kerrville Office; 830-257-4107; fax 792-4342

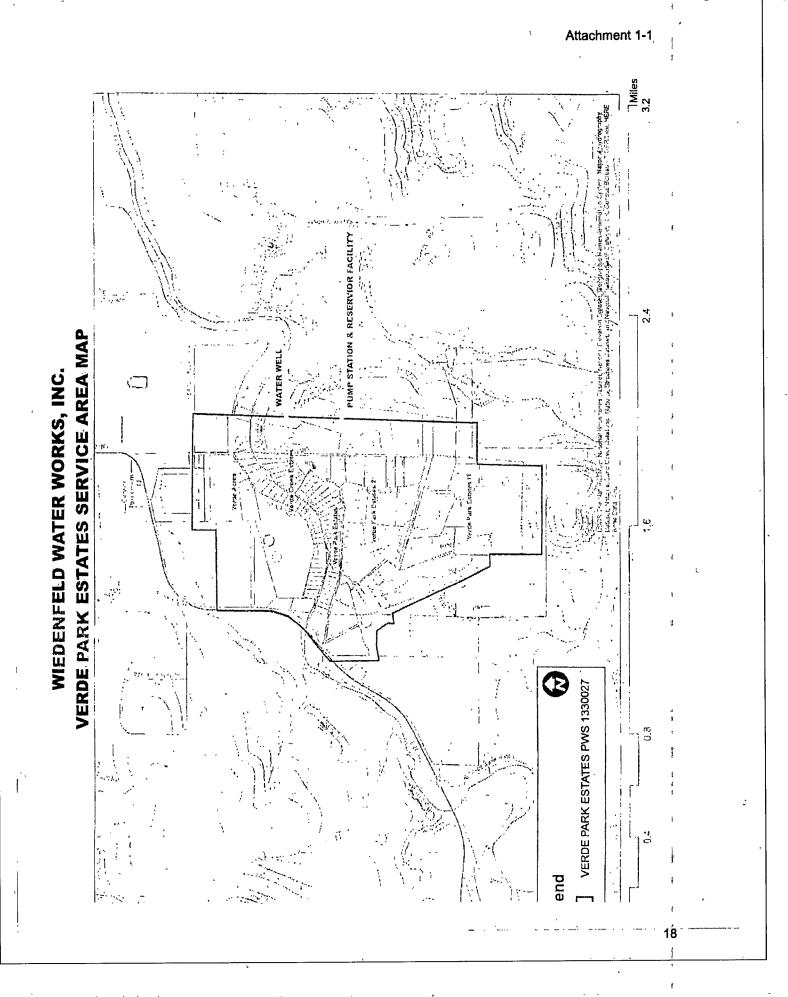
Greg cell: 830-739-2350 Jerry: 830-739-0050 Vince: 830-370-6132

2) Electrical Supply problems: Kerrville Public Utility Board: 830-257-3050

- Emergencies by Disasters, fire, hazardous material spills, medical/health; call
 911
- 4) Non-emergency; ie Vandalism, theft, etc;
 - Kerr County Sheriff's Dept.: phone 830-896-1133
 - City of Kerrville Fire Dept. 830-257-8449
 - Center Point Voluntary Fire Department; phone 1-830-634-2323

RECORDS

All business and records, etc. are kept at Wiedenfeld Water Works, Inc offices located at 133 CP River Rd., Center Point, Texas 78010.



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Biyan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



PWS_1330027_CO_20161003_Plan Ltr

Ri	chard A.	Hyde, P.E., <i>Executi</i>	e Director	· · · · · · · · · · · · · · · · · · ·			1
		Tex	kas Comm	ISSION ON E	NVIRONMENTAL	QUALITY	
			Protect	ting Texas by Reducin October 3	g and Preventing Pollution , 2016		•
	South 1620	m Williford west Water Co Grand Avenue erville, Texas 7	Parkway			oct -6 2016' TXU - AP	•
	[*] Re:	85% Capacity Contact Tele	Rule Notifica phone: (512) 2 Log No. P-080	252-8782	D No. 1330027		
		CN: 6006507	25; RN:	101210961			
	Dear	Mr. Williford:				۰,	ţ
٠	your l		gust 1, 2016	submitting the 8	on Environmental Qua 5% capacity report. Th	is report satisfies the	ł
	The s	ubmittals inclu	ded the follo	wing information	n:		
		ng Active Conr ed Connection				٤.	
		-Tank Connec					
	Syste Com	em ponent-	Required Capacity*	Actual Capacity	85 [%] Capacity/Current		

Component-	Capacity*	Capacity	Capacity/Current Capacity
Wells	41 g.p.m.	54 g.p.m.	46 g.p.m, (76%)
Booster Pumps	42 g.p.m	60 g.p.m.	46 g.p.m. (70%)
Elevated Tanks	4,700 gal	18,000 gal	15,000 gal (26%)
Ground Storage Tanks	13,600 gal	36,000 gal	30,600 gal (38%)
Hydropneumatic Tanks	420 gal	1,920 gal	1,632 gal (22%)

Per the report provided build-out improvements shall be done as connections come on-line. Plans and specifications must be submitted prior to construction from a licensed professional engineer (P.E.) for any future improvements according to the TCEQ's Chapter §290 - <u>Rules and</u> <u>Regulations for Public Water Systems</u> (Rules).

The Verde Park Estates public water supply system provides water treatment.

P.O. Box 13087 • Austin, Texas 78711-3087 • 512-239-1000 • tceq.texas.gov

How is our customer service? tceq.texas.gov/customersurvey

printed on recycled paper using vegetable based ink

Mr, Tim Williford Page 2 October 3, 2016

An appointed engineer must notify the TCEQ's Region 13 Office in San Antonio at (210) 490-3096 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance with the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-08032016-034 in all correspondence for this project.

Please Note: In order to determine if a new source of water or a new treatment process results in corrosive or aggressive finished water that may endanger human health, we are requesting additional sampling and analysis of lead, alkalinity (as calcium carbonate), calcium (as calcium carbonate) and sodium in addition to the required chemical test results for public water system new sources. We are requiring these additional sampling results as listed in our currently revised checklists (Public Well Completion Data Checklist for Interim Use - Step 2 and Membrane Use Checklist - Step 2) which can be found on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/udpubs.html

Please include these additional sampling results in well completion submittals, membrane use submittals, and other treatment process submittals.

New surface water sources will need to also include lead, total dissolved solids, pH, alkalinity (as calcium carbonate), chloride, sulfate, calcium (as calcium carbonate) and sodium with the analysis required in 30 TAC Section 290.41(e)(1)(F).

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

https://www.tceq.texas.gov/drinkingwater/udpubs.html

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/planrev.html/#status

You can download the latest revision of 30 TAC Chapter 290 - <u>Rules and Regulations for Public</u> <u>Water Systems</u> from this site.

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Mr. Tim Williford Page 3 October 3, 2016

If you have any questions please contact Brian D. Dickey at (512)239-0963 or by email at brian.dickey@tceq.texas.gov" or by correspondence at the following address:

Plan Review Team, MC-159 Texas Commission on environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

Sincerely,

Vera Poe, P.E., Team Leader Plan Review Team Plan and Technical Review Section Water Supply Division Texas Commission on Environmental Quality

VP/BDD/av

cc: Verde Park Estates, 1620 Grand Avenue Pkwy Ste 140, Pflugerville, TX 78660-2185

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



PW\$_1330134_CO_20161205_Plan Ltr

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 5, 2016

Mr. Joe F. Torralva Wiedenfeld Water Works, Inc. 1620 Grand Avenue Parkway, Ste. 140 Pflugerville, TX 78660

Re: Oak Ridge Estates Water System - Public Water System ID No. 1330134 85% Capacity Report Engineer Contact Telephone: (512) 219-2260 Plan Review Log No. P-10062016-027 Kerr County, Texas

CN600650725; RN101284438

Dear Mr. Torralva:

On October 6, 2016, the Texas Commission on Environmental Quality (TCEQ) received your 85% capacity report.

The report indicates **41 existing connections**, which results in existing well capacity at 50%, existing ground storage tank capacity at 82%, existing pressure tank capacity at 91% and existing booster pump capacity at 82%.

The report indicates 48 ultimate connections, which would result in well capacity at 58%, ground storage tank capacity at 96%, pressure tank capacity at 106% and booster pump capacity at 96%.

Your action plan consists of the following:

- Pump improvements in "2017".
- Pressure tank improvements "in the future".

Please be modify action plan as needed as connections are added.

Please submit plans and specifications prior to construction.

The Oak Ridge Estates Water System public water system provides treatment.

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		P.O. Box 13087 • Austin, Texas 78711-	3087 • 512-239-1000 • tceq	.texas.gov
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Mr. Joe F. Torralva Page 2 December 5, 2016

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An appointed engineer must notify the TCEQ's Region 13 Office in San Antonio at (210) 490-3096 when construction will start. Please keep in mind that upon completion of the water works project, the engineer or owner will notify the commission's Water Supply Division, in writing, as to its completion and attest to the fact that the completed work is substantially in accordance with the plans and change orders on file with the commission as required in 30 TAC §290.39(h)(3).

Please refer to the Plan Review Team's Log No. P-10062016-027 in all correspondence for this project.

Please Note: In order to determine if a new source of water or a new treatment process results in corrosive or aggressive finished water that may endanger human health, we are requesting additional sampling and analysis of lead, alkalinity (as calcium carbonate), calcium (as calcium carbonate) and sodium in addition to the required chemical test results for public water system new sources. We are requiring these additional sampling results as listed in our currently revised checklists (Public Well Completion Data Checklist for Interim Use – Step 2 and Membrane Use Checklist – Step 2) which can be found on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/udpubs.html

Please include these additional sampling results in well completion submittals, membrane use submittals, and other treatment process submittals.

New surface water sources will need to also include lead, total dissolved solids, pH, alkalinity (as calcium carbonate), chloride, sulfate, calcium (as calcium carbonate) and sodium with the analysis required in 30 TAC Section 290.41(e)(1)(F).

Please complete a copy of the most current Public Water System Plan Review Submittal form for any future submittals to TCEQ. Every blank on the form must be completed to minimize any delays in the review of your project. The document is available on TCEQ's website at the address shown below. You can also download the most current plan submittal checklists and forms from the same address.

https://www.tceq.texas.gov/drinkingwater/udpubs.html

For future reference, you can review part of the Plan Review Team's database to see if we have received your project. This is available on TCEQ's website at the following address:

https://www.tceq.texas.gov/drinkingwater/planrev.html/#status

You can download the latest revision of 30 TAC Chapter 290 - <u>Rules and Regulations for Public</u> <u>Water Systems</u> from this site.

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Mr. Joe F. Torralva Page 3 December 5, 2016

If you have any questions, please contact John Lock at (512)239-4710 or by email at john.lock@tccq.texas.gov or by correspondence at the following address:

Plan Review Team, MC-159 Texas Commission on Environmental Quality P.O. Box 13087 Austin, Texas 78711-3087

accrely John Lock, P.E.

Plan Review Team Plan and Technical Review Section Water Supply Division Texas Commission on Environmental Quality

Vera Poe, P.E., Team Leader Plan Review Team Plan and Technical Review Section Water Supply Division Texas Commission on Environmental Quality

VP/JL/av

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cc: SWWC, 1620 Grand Avenue Pkwy., Ste 140, Pflugerville, TX 78660



Wiedenfeld Water Works, Inc.

A SouthWest Water Company

Customer Service 866.654.SWWC (7992)

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October 6, 2016

Texas Commission on Environmental Quality (TCEQ) % Ms. Vera Poe Plan Review Team, MC 159 PO Box 13087, Austin, TX 78711-3087

RE: Oak Ridge Estates, Kerr County, Texas Regulated Entity No.: RN101284438, TCEQID No.: 1330134 Investigation: 1338714 Additional Issues Item 3

Dear Ms. Poe,

In accordance with 30 Texas Administrative Code 291.93(3)(c), transmitted herewith the 85% capacity planning report for the above reference water system owned and operated by Wiedenfeld Water Works, Inc.

The San Antonio Regional Office will receive the report via electronic correspondence on October 6, 2016. Please feel free to contact me if you have any questions

Sincerely,

Design and Construction Manager, Texas Utilities | SouthWest Water Company 1620 Grand Avenue Parkway, STE 140 | Pflugerville, Texas 78660 Tel: 512-219-2260 | Fax: 512-219-2298 E-mail: Itorralva@sywc.com

JFT/jft

CC Tim Williford

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Technical Memorandum

OAK RIDGE ESTATES WATER SYSTEM

Public Water System ID No. 1330134

CCN No. 12052

September 30, 2016

Prepared By:



SouthWest Water Company

12535 Reed Road Sugar Land, TX 77478 (281) 207 – 5800



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SWWC Utilities, Inc. 12535 Reed Road Sugar Land, TX 77478 Phone 281.207.5800 Fax 281.207.5940 www.swwc.com

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Anticipated Ultimate Conditions	
Proposed Improvements	4
Conclusion	4

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INTRODUCTION

Oak Ridge Estates ("the District"), Public Water System ID No. 1330134 is an existing public water system located in central Kerr County, Texas, approximately .25 miles Northeast of Center Point, Texas, and is bounded by Stoneleigh Road on the south. Total area is approximately 21.6 acres. The District currently provides potable water service to 41 equivalent single family connections ("ESFC's") under Certificate of Convenience and Necessity No. 12052, and is owned, operated, and maintained by SouthWest Water Company ("SWWC", TCEQ Reference Number CN600861702). A Location and Service Area Map for the District is provided herein as Appendix A.

On September 30, 2016, SWWC completed a comprehensive analysis of the District's existing water supply, storage, and distribution facilities. The intent of this analysis was to identify any current facility deficiencies from a regulatory and operational perspective, and at the same time evaluate the adequacy of those facilities to serve anticipated future growth as well as the ultimate capacity of the District's service area (see Appendix A). This document is further intended to serve as the TCEQ 85% Capacity Report as specified by 30 TAC §291.93(f)(3).

EXISTING CONDITIONS

The District's primary source of water is ground water supplied by one water well (well) from the Middle Trinity Aquifer hydrological unit. The ground water is transferred by submersible pump via on-site pipe line from well to the District's existing Treatment Plant No. 1, where the raw water is treated, disinfected, stored, and ultimately delivered under pressure to the existing water distribution system for customer consumption.

The District's existing water supply, storage, and distribution system consists of the following components:

- 1. One (1) 50 gpm water well with a 7.5 HP submersible water pump.
- One (1) 5,000 gallon bolted steel storage tank, contributing to a total storage capacity of 10,000 gallons.
- One (1) 5,000 gallon fiberglass storage tank, contributing to a total storage capacity of 10,000 gallons.
- 4. Two (2) 2 HP close-coupled booster pumps, providing a firm pumping capacity of 50 gpm (with the largest booster pump out of service).
- 5. One (1) welded steel hydro pneumatic tanks, providing a total pressure tank capacity of 900 gallons.
- 6. One (1) liquid chlorine disinfection system, fully functional and complete with all necessary and required equipment, piping, and appurtenances.

As of the date of this report, the District currently provides potable water service to 41 active ESFC's. Table 1, below, illustrates the District's actual existing water system capacities, and compares them to the TCEQ's Minimum Water System Capacity Requirements as specified by 30 TAC §290.45, as well as to the system's 85% Capacity as specified by 30 TAC §291.93(f)(3).

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TABLE 1: ANALYSIS OF EXISTING WATER SYSTEM CAPACITIES

District Name: Oak Ridge Estates Existing Active ESFC's: 41

TCEQ Minimum Water System Capacity Requirements per 30 TAC §290.45:

Well:	0.6 gpm/ESFC
Booster Pumps:	2.0 gpm/ESFC
Ground Storage Tanks:	200.0 gal/ESFC
Hydropneumatic Tanks:	20.0 gal/ESFC

TOTAL EXISTING SYSTEM CAPACITY

System Component	Actual Existing Capacity	Required Min. Capacity	85% Capacity	Rated Capacity (ESFC's)
Well	46 gpm	25 gpm	`39 gpm	76.67
Booster Pumps ⁽¹⁾	50 gpm	82 gpm	43 gpm	25
Ground Storage Tanks	10,000 gal	8,200 gal	8,500 gal	50
Hydropneumatic Tanks	900 gal	820 gal	765 gal	45

(1) The actual existing booster pump capacity is the firm pumping capacity with the largest pump out of service.

As indicated above, all system components, less the booster pump capacity, are in regulatory compliance.

ANTICIPATED ULTIMATE CONDITIONS

An analysis of the District's recorded plat and current service area boundary reveals that, at this time, there are 45 developed residential lots, with *no* residential lots remaining to be developed.;

As noted above, the District currently provides potable water service to 41 active ESFC's. The District is built-out and will not grow to adjoining tracts over time. Table 2, below, summarizes the current and the anticipated ultimate water demand in terms of ESFC's.

Page 2 of 4

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Connection Type	Current	Anticipated Future
Single Family Residential	. 41	48
Multi Family Residential		
Commercial		• .
Industrial ,		1
Schools	-	1
Churches	,	
Other		
TOTAL	41	48 .

Thus, the District will serve the build-out connection count of 48 ESFC's.

Bearing the above data in mind, an analysis of the District's anticipated future water demand was performed. Table 3, below, illustrates the District's actual existing water system capacities, and compares them to the anticipated ultimate required minimum water system capacities, as specified by 30 TAC §290.45, as well as to the system's ultimate 85% Capacity, as specified by 30 TAC §291.93(f)(3).

TABLE 3: ANALYSIS OF REQUIRED ULTIMATE WATER SYSTEM CAPACITIES

District Namé: Oak Ridge Estates Build-out ESFC's: 48

TCEQ Minimum Water System Capacity Requirements per 30 TAC §290.45:

Well:	0.6 gpm/ESFC
Booster Pumps:	2.0 gpm/ESFC
Ground Storage Tanks:	200.0 gal/ESFC
Hydropneumatic Tanks:	20.0 gal/ESFC

ANTICIPATED ULTIMATE SYSTEM CAPACITY REQUIREMENTS

System Component	Actual Existing Capacity	Required Ult. Min. Capacity	Ult. 85% Capacity	Rated Capacity (ESFC's)
Well	50 gpm	29 gpm	24 gpm	83.33
Booster Pumps ⁽¹⁾	50 gpm	96 gpm	82 gpm	25
Ground Storage Tanks	10.000 gal ,	9,600 gal	8,160 gal	50
Hydropneumatic Tanks	900 gal	960 gal,	816 gal	, 45

(1) The actual existing booster pump capacity is the firm pumping capacity with the largest pump out of service.

Page 3 of 4

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As indicated above, all water system, components, less the booster pump capacity and hydrotank, are in regulatory compliance. In future, we will budget capital to replace the existing hydro-tank with a larger component.

PROPOSED IMPROVEMENTS

Based upon the analysis provided, it shall be required to remove and replace the existing 2-HP pump and replace with a suitable pump array that will satisfy 100 gpm aggregate capacity with largest pump out of service. We shall recommend the pump improvements project be added to the capital budget for 2017.

CONCLUSION

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in conclusion- we recommend the following:

(1) Remove and replace existing booster pump with a suitable booster pump array to meet or exceed 2 gpm per connection with largest pump out of service.

Page 4 of 4

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APPENDIX A



DOCKET NO. 46494

RESPONSES OF WWW AND SWWC TO STAFF'S FIRST REQUESTS FOR INFORMATION QUESTION NOS. STAFF 1-1 THROUGH 1-3

STAFF NO. 1-2: For the Cedar Springs water system, please describe the work needed to extend the height of the well casing.

- Has the applicant submitted plans and specifications to the TCEQ regarding this issue?
- If so, what was the TCEQ's response?
- What is the progress on this work?

RESPONSE: The work done at the Cedar Springs well was welding of additional casing to the existing casing, to extend it to the required height above the slab.

- WWW has not submitted plans and specifications to TCEQ, as Texas Administrative Code Title 30, Chapter 290 does not require plans and specifications to be submitted for this type of repair work.
- N/A
- Work is completed see Attachment Staff 1-2, which is a copy of the verification submitted to the TCEQ.

Prepared by:George Freitag, P.E.Sponsored by:George Freitag, P.E.

Timothy Williford

From:	Timothy Williford	
Sent:	Thursday, October 06, 2016 12:41 PM	
To:	'Colby Maron'	
Cc:	Albert Amezquita	
Subject:	Cedar Springs Investigation Response - Investigation #1336771	
Attachments:	2016-10-06-075453.jpeg; 2016-10-06-075459.jpeg	

Colby,

Please see attached photos of the Cedar Springs wellhead. 'As you'can see, it has been raised more than 18" above the floor.

We are having the slab redone also. Once it is complete, we will provide you photos of the slab/wellhead. We should have the photos early next week.

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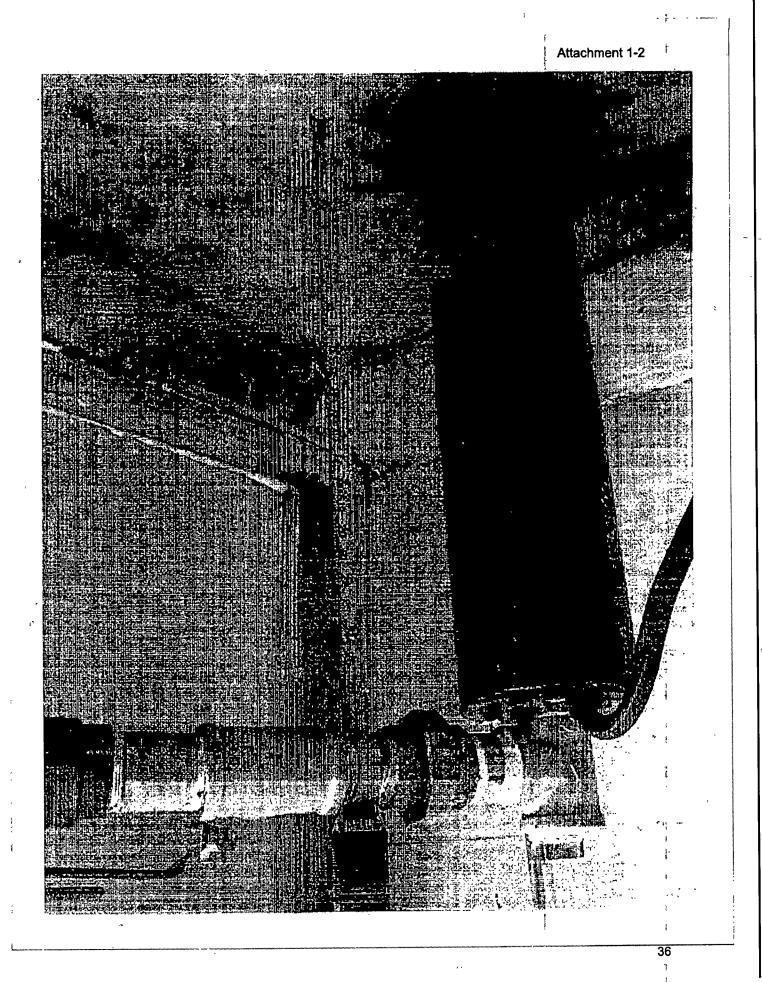
Thanks,

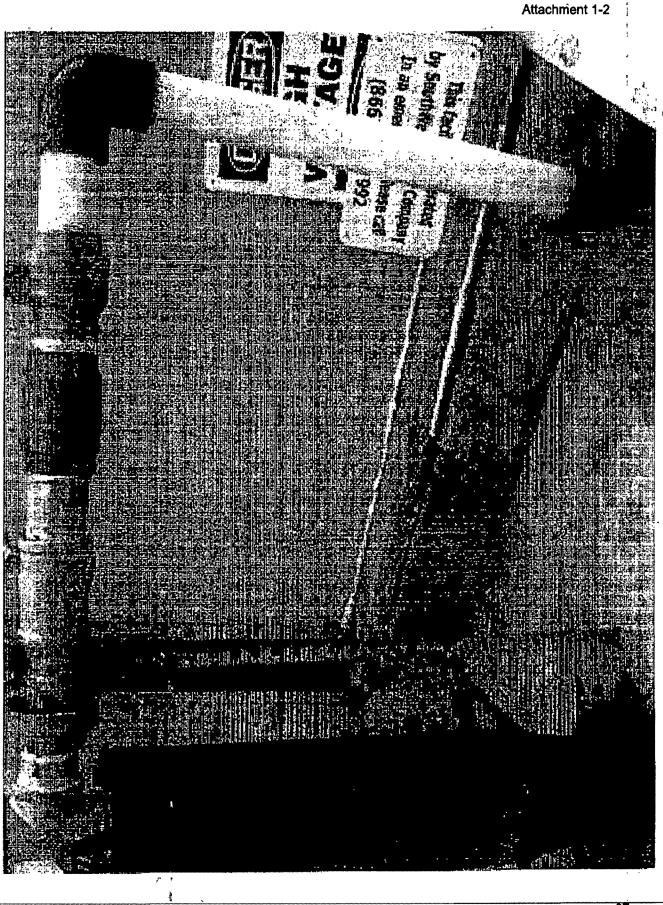
Tim Williford, CSHO

Environmental Health & Safety Manager | Texas Utilities 1620 Grand Avenue Parkway, Suite 140 | Pflugerville, TX 78660 Phone 512,219,2294 | Fax 512-252-8782 Cell 512,784.1632 | E-mail <u>twilliford@swwc.com</u> Visit us at <u>www.swwc.com</u>



SouthWest Water Company





DOCKET NO. 46494

RESPONSES OF WWW AND SWWC TO STAFF'S FIRST REQUESTS FOR INFORMATION QUESTION NOS. STAFF 1-1 THROUGH 1-3

STAFF NO. 1-3: Please provide the latest inspection report for Cedar Springs MHV, Cedar Point, Heritage Park, Hills and Dales, Oak Ridge Estates, Verde Park Estates, Vista Hills, Westwood, Windwood Oaks Subdivision, Woodhaven MHP Platten Creek Water.

RESPONSE: Attachment Staff 1-3 are the latest inspection letters for Cedar Springs MHV, Cedar Point, Heritage Park, Hills and Dales, Oak Ridge Estates, Verde Park Estates, Vista Hills, Westwood, Windwood Oaks Subdivision, Woodhaven MHP, and Platten Creek Water.

Prepared by:George Freitag, P.E.Sponsored by:George Freitag, P.E.

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JUN 27 2016

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY TXU - AP

Protecting Texas by Reducing and Preventing Pollution

June 23, 2016

CERTIFIED MAIL NO.: 91 7199 9991 7036 0226 8426 RETURN RECEIPT REQUESTED

Mr. Raymond Wiedenfeld, President Wiedenfeld Water Works, Inc. P. O. Box 418 Center Point, Texas 78010-0418

Re: Notice of Violation for Compliance Evaluation Investigation at: Cedar Springs Mobile Home Village, Kerr County, Texas Regulated Entity No.: RN101215291, TCEQ ID No.: 1330019 Investigation: 1336771

Dear Mr. Wiedenfeld:

On April 25-26, 2016, Mr. Colby Maron of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for a public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, an outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by October 6, 2016 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violations.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled Obtaining TCEQ Rules (GI 032) are located on our agency website at http://www.tccq.state.tx.us for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the San Antonio Region Office at (210) 403-4096 or the Central Office Publications Ordering Team at 512-239-0028.

If you or members of your staff have any questions, please feel free to contact Mr. Maron in the San Antonio Region Office at (210) 403-4024.

Sincerely,

Joy Thurston-Cook, Water Section Team Leader San Antonio Region Office

JTC/CM/eg

cc: Mr. Tim Williford, South West Water Company

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	· · · · · · · · · · · · · · · · · · ·	Attachment	
jaž T V	Summary of	Investigation Pindings	
ק	EDAR SPRINGS MOBILE HOME VILL	AGE Investigation # 1336771 Investigation Date: 04/25/2015	
,	KERR COUNTY,	Investigation Date: 04/25/2015	1
م	dditional ID(s): 1330019		t is
₩7 - 4 	OUTSTANDING		ŧ
1		e Date: 10/06/2016	3
	0 TAC Chapter 290.41(c)(3)(B)		-]
1	Alleged Violation: nvestigation: 1336771	··· Comment Date: 06/08/2016	1.
	Failure to provide a wellhead casing with sealed well enclosure.	a minimum of 18 inches above the floor within the	l T
•		asing did not extend at least 18 inches above the	Proprietory
	new carbon steel, high strength low alloy conform to AVWA standards The casing elevation of the finished floor of the pump one inch above the sealing block or pump shall extend at least to the depth of the sl deeper, if necessary, in order to eliminate construction materials containing more th	•	40 40 40 40 40 40 40 40 40 40 40 40 40 4
(completed work order or photograph indic east 18 inches above the elevation of the	vide by the compliance due date, a copy of an invoice, ating that the well casing has been extended to at ground level or request an exception to the nd Oversight Team (TROT) and provide a copy of the	4
1	Technical Review and Oversight Team Plan and Technical Review Section, MC- Texas Commission on Environmental Qua		ł
1	P.O. Box 13087 Austin, Texas 78711-3087	ану	ł
		TIONALISSUES	
	Description	Additional Comments	ł
د ۱۱ ۲	iem_1	At the time of the investigation, it was noted that livestock watering troughs and above ground pools were located at residential connections, but the status of backflow and cross-connection prevention could not be determined. The entity must ensure that the potential contamination hazards are	ł
		evaluated, and if necessary, eliminated or isolated from the public water system.	, , ,
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EDAR SPRINGS MOBILE HOME VILLAGE		Investigation # 1336771
em 2	291.93(3)(c)	E.
G 11 2	Submit an admi report addressii requirement, In Code 291.93. A entity provided GPM of service connections, th GPM well produ- pump capacity (reaching 91% of service pump ci the Texas Com (TCEQ) Pian R 13087, Austin, 78711-3087; (5) report that clear utility will provid the remaining a certificated area Antonio Region submittal. 30 TAC 290.930 inspection, a re system's capacity accommission lett inspection, a re system's capacity equivalents bas production, trea report should b contain the follo overall utility sy of the plant cap of this paragrap utility will provid within the boun	inistratively and technically complete ing the 85% capacity planning accordance with 30 Tex. Admin. It the time of the investigation, the 29 GPM of well capacity and 100 pump capacity. Based upon 44 a entity is required to provide 26.4 action capacity and 88 GPM service resulting in the water system of its well capacity and 88% of its apacity. The entity must submit to mission on Environmental Quality aview Team, MC 159, PO Box TX 12)239-4691 an 85% planning ty explains how the retail public is the expected service demands to reas within the boundaries of its and submit to the TCEQ San Office documentation verifying (3)- After any commission field tail public utility must analyze the ity to determine if it has reached city. If the retail public utility has if its capacity, it must file this report 0 days after the date of a er detailing the results of the actity is considered to be the overall in number of residential connection used on the most restrictive criteria for timent, storage, or pumping. The a submitted in writing and should owing: a brief description of the stem and service area; an analysis acity as defined in subparagraph (A) in; details on how the retail public le service to the remaining areas daries of its certificated area. This tions of cost and expected design
	includes project	
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		Attachment 1-3
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Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 22, 2016

RECEIVED

AUG 24 2016 -

TXU - AP

Mr. R. C. Wiedenfeld, President Wiedenfeld Water Works, Inc. P. O. Box 418 Center Point, Texas 78010-0418

Re: Comprehensive Compliance Investigation at: Center Point Wiedenfeld Water Works, W side of Hwy 27 in Center Point, Kerr County, Texas Regulated Entity No.: RN101241511, TCEQ ID No.: 1330007, Investigation No.: 1349037

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Dear Mr. Wiedenfeld:

On June 22, 2016, Mrs. Stacy Anderson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mrs. Anderson in the San Antonio Region Office at (210) 403-4078.

Sincerely,

Pit

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/sa/eg

cc: Mr. Gary Rose, Operations Manager, Southwest Water Company

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Bryan W. Shaw, Ph.D., P.B., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.B., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 22, 2016

Mr. R. Charles Wiedenfeld, President Wiedenfeld Water Works, Inc. P.O. Box 418 Center Point, Texas 78010-0418

Re: Notice of Compliance with Notice of Violation (NOV) dated January 15, 2016: Heritage Park Water System, Located on the east side of Highway 27, 2 miles east of Center Point, Kerr County, Texas Regulated Entity No.: RN102680717, TCEQ ID No.: 1330080 Investigation No.: 1342987

Dear Mr. Wiedenfeld:

This letter is to inform you that Texas Commission on Environmental Quality San Antonio Region Office has received adequate compliance documentation on January 13, 2016 to resolve the alleged violations documented during the investigation of the above-referenced regulated entity conducted on November 17, 2015. Based on the information submitted, no further action is required concerning this investigation.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions, please feel free to contact Ms. Agnieszka Hobson at the San Antonio Region Office at 210-403-4075.

Sincerely,

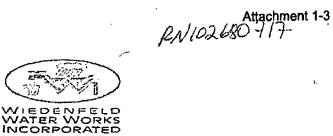
J. POCT. Cit-

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/ah/eg

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133 CP River Road E, PO Box 418 Center Point, TX 78010 830-634-2321 Phone 830-634-2399 Fax

January 11, 2016

Agnieska Hobson TCEQ; Water Section 14250 Judson Rd San Antonio, TX 78233-4480

Re: Response to Records request; heritage Oaks PWS 1330080 & Vista Hills; PWS 1330169

- 1. Enclosed are the proposed Operating Manuals for the above recently inspected water systems.
- 2. Flushing records for the above systems are not available, since flushing was not recorded or practiced on a regular basis due to the drought conditions and low aquifer levels. Thus, flushing was performed in response to customer complaints.

Please reply if you need further information or remedies for these violations.

les Wichenfell 1/11/16

R. Charles Wiedenfeld, President Wiedenfeld Water Works, Incorporated

830-739-5050 cell

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OPERATIONS & MAINTENANCE MANUAL

For

Heritage Park Water system, PWS 1330080

Owned & operated by:

Wiedenfeld Water Works, Incorporated

POB 418 Center Point, Texas 78010 830-634-2321, fax 830-634-2939 Website:

Plant & Wellsite Location: 279 Burney Lane; Center Point, Texas 78010 Heritage Park Water system serves 28 customers (2 inactive), all owners within the subdivisions; Heritage Park I & II.

A. RAW WATER SOURCES

This is a groundwater production plant that only utilizes water from a well as its source.

Groundwater is used from the (Middle) Trinity Aquifer to supply the Heritage Park Water system. The Trinity aquifer is capable of producing moderate amounts (25-500 gpm) of freshwater suitable for most purposes from the Cow Creek limestone member (TWDB Report 102). Trinity water is moderately mineralized with secondary health risk constituents,

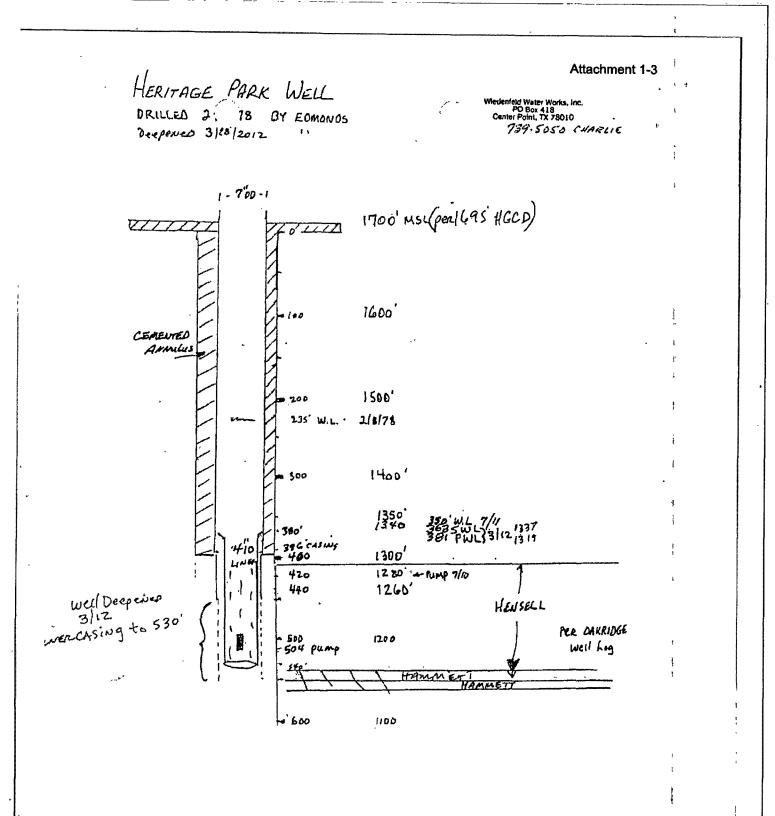
particularly hardness/carbonates and iron (above 0.3ppm). Likewise, Primary Health Risk constituents, chlorides and sulfates-sulfur are elevated but rarely exceed the Maximum Contaminant Levels (MCL). None of the multitude of primary constituents analyzed periodically from Heritage Park's wells have ever exceeded an MCL. Constituents that are present, but in lesser concentrations are reported in the Annual Water Quality Reports that are provided to the customers.

i. Well Construction

The HERITGE Back WHIER SYSTEM currently has one active well, identified as G1330080A, located at 279 Burney Rd., Center Point, TX. The well-log and a schematic of the well with current static water levels and pump settings, are ATTACHED

ii. Well Pump production and descriptions

Well, G1330080A is currently s equipped with a 5Hp 230v, 1phase Schaeffer16-stage submersible pump. When installed in 2010, pump was rated as 35 gpm at 400' of lift. Today, pump production is 28 gpm at approx. 355' static water level (120 ft water over pump).



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The well's operation is controlled by float switch in the ground storage tank. Floats are set with 18" of pump operation between on & off. The well can also be turned on manually at the tank. The manual switch is needed to check the well during monthly routine checks. If the well does not operate with the manual switch on, then a check of the breaker, and/or starter resets, at the well location, should be done. If the well still does not operate, then contact Kerr Country Pump Company to further evaluate the pump.

B. TREATMENT PLANT DESCRIPTION & DESIGN

The produced water is treated with a disinfectant for biological control and a sequestering agent to control discoloration by the high iron content. A free residual should be maintained between 1 & 1.5 mg/l at the plant and this will allow for residuals at the end of lines to be above state requirements.

i . Water Treatment

Raw water is treated with Napco 201, a hexametaphosphate to sequester iron. The injection point is in the piping exiting (or near) the wellhead.

Disinfection is achieved with the use of 10-12% sodium hypochlorite. The injection point is > 20 pipe diameters downstream of sequestering agent and being ahead of storage facilities.

5gpd Stenner metering pumps, controlled by well operation, take the 10% hypochlorite and Napco 201 solution from 30 gal plastic tanks, located in an enclosure separate of the pressure pumps and electrical facilities.

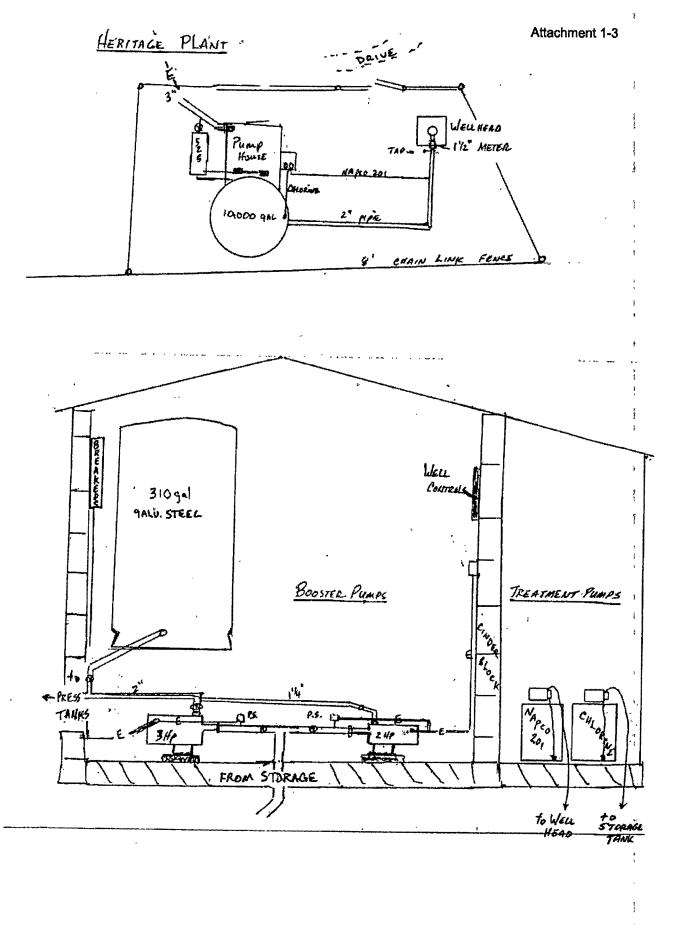
ii Production meters

Production from Well G1330080A is quantified by a 1-1/2" Badger E-series flow meter, NSF 61-approved flow meter installed in piping exiting the wellhead.

Accuracy of meters are checked regularly and the calibration results documented and included in the operations manual located in the utility's office.

C. PLANT DESIGN, CAPACITIES & OPERATIONS

The plant consists of the well, ground storage, pressure pumps and tanks, and the Distribution system. Each are described herein and Fuerweakers By ATTACHER RECORD DEANINGS.



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A. <u>Current Facility capacities, customers & requirements (a/o DEC</u> 2015):

Customers: 28 active meters + 2 inactive meters = 30 for capacity determinations

Facility	TCEQ min. Req'mnts.	current Capacity	percent of Capacity/TCEQ
Well(s)	<u></u>	anna an	<u> </u>
0.6 gpm/connect	18	28	64%
Total Storage			
200 gal/connect	6,000	10,000	60%
Hydropneumatic	tank		
20 gal/connect	600	835	72%
Pressure pumps		*	
2 gpm/connect	60	80 ′	75%

B. Storage Facilities

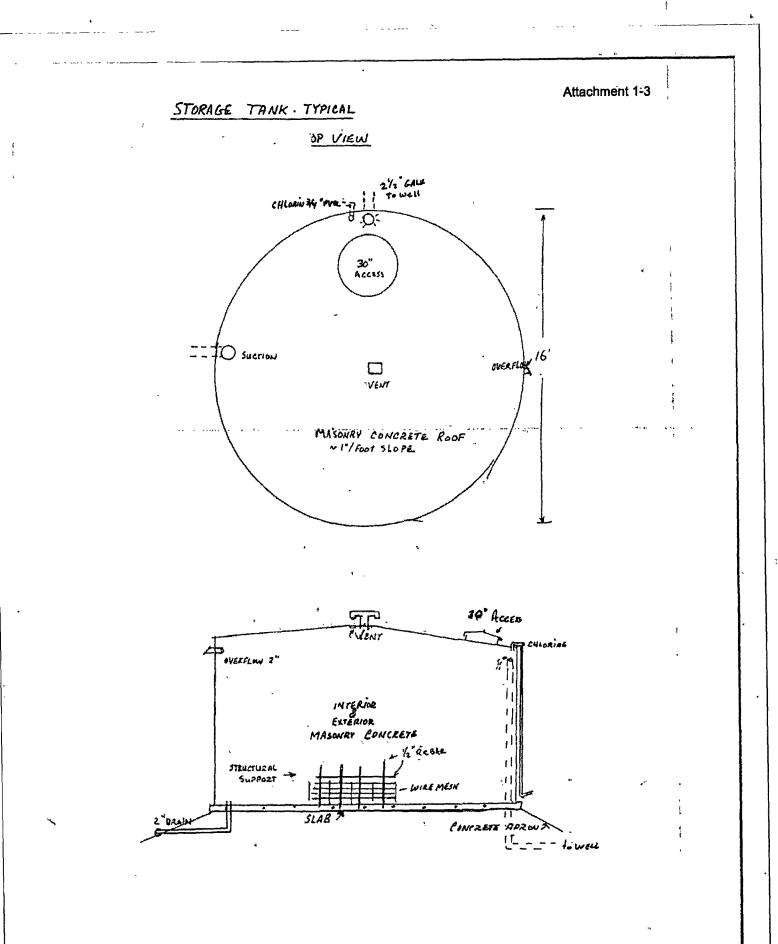
Current storage includes one (1) 10,000 gallon, masonry concrete tanks that was built in-place assumed circa 1978. 30" diameter access port, 2" overflow, 4" x 4" galv. tin vent with 2-1/2" inlet and outlet features meet the standards.

C. Pressure Facilities

- a. One 520 gallon, 100psi rated, galvanized-coated interior (assumed) & exterior, 2" Discharge, (without access ports) was installed in 2002 by WWWInc.
- b. One 310 gallon, 100psi rated, steel with 2" discharge was installed in 2001.

Air/water equalization is maintained by a "Whitewater Mfg. Air/Volume Control Model 0610, 110v, 80psi rated, oil-less compressor" mounted on the 525 gal. tank & the visual water level sight glass are mounted on the inside of the adjacent pumphouse. Both tanks are equipped with ¾", 75psi rated pressure relief valves. The 525 gal tank has a 2" drain, 2" check valve (reversed to allow air entry in the event of main break). Electrical supply lines encased in flexible, water tight conduit. Tank inspections are performed and recorded.

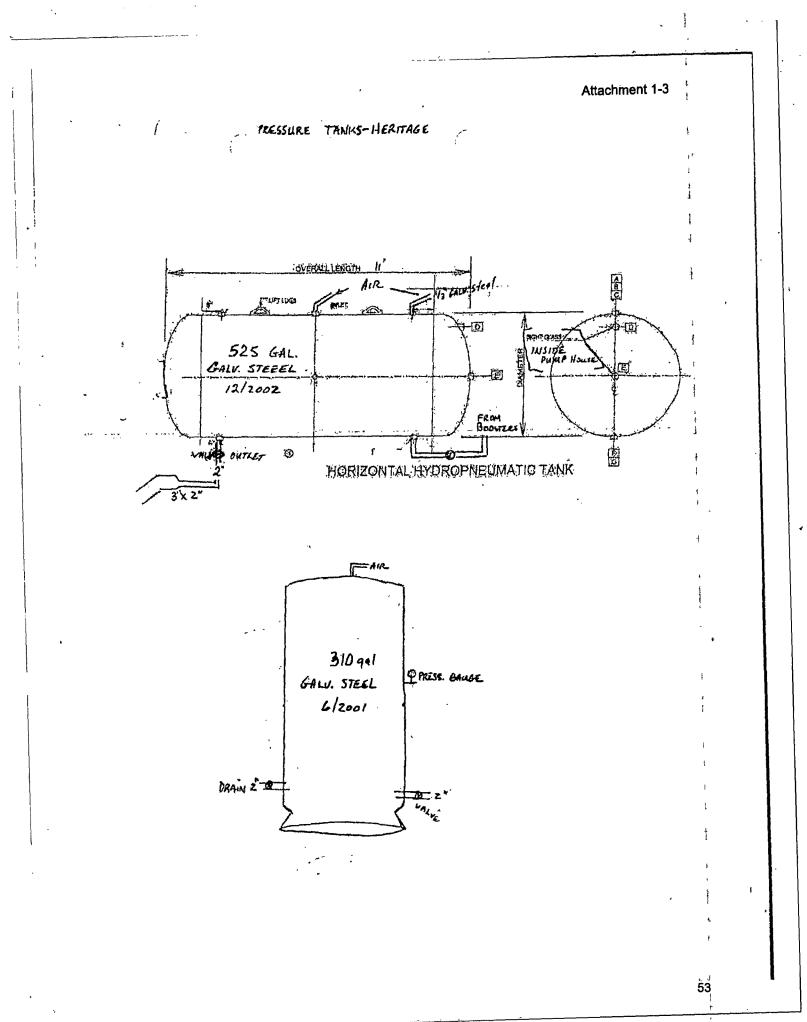
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Pressure (booster) Pumps -

- a. 2Hp, 230v, 1-phase Flint & Walling, centrifugal, single-stage. 2" suction & 1-1/2" discharge, rated discharge at 38 psi = 40 gpm (installed in 1998)
- b. 2Hp, 230 V, 1-phase Century, self-priming single stage centrifugal pump, 2" suction & 1-1/2" discharge, rated discharge at 40psi = 40 gpm (installed Sept 2008)

The pressure (booster) pumps are each controlled by a pressure switch located at or in the piping to the pressure tank. They are set to operate automatically between 45 (cuton) and 55psi (cut-off) pressures. The pumps can be manually operated at the pressure control switch.

The pumps are further protected from an empty storage tank with a "low-level shut-off" float switch. These can be overridden in an emergency by lifting the float upright.

Distribution System i) Piping

Original 3" PVC Sch 40, 220psi (glue-jointed) piping is presumed to have been installed at time of subdivision platting in 1978 and remains in-service. No piping has been installed since. Piping has been found to be installed with 24" soil cover over piping.

See ATTACHED ' a digitized map of the current distribution system.

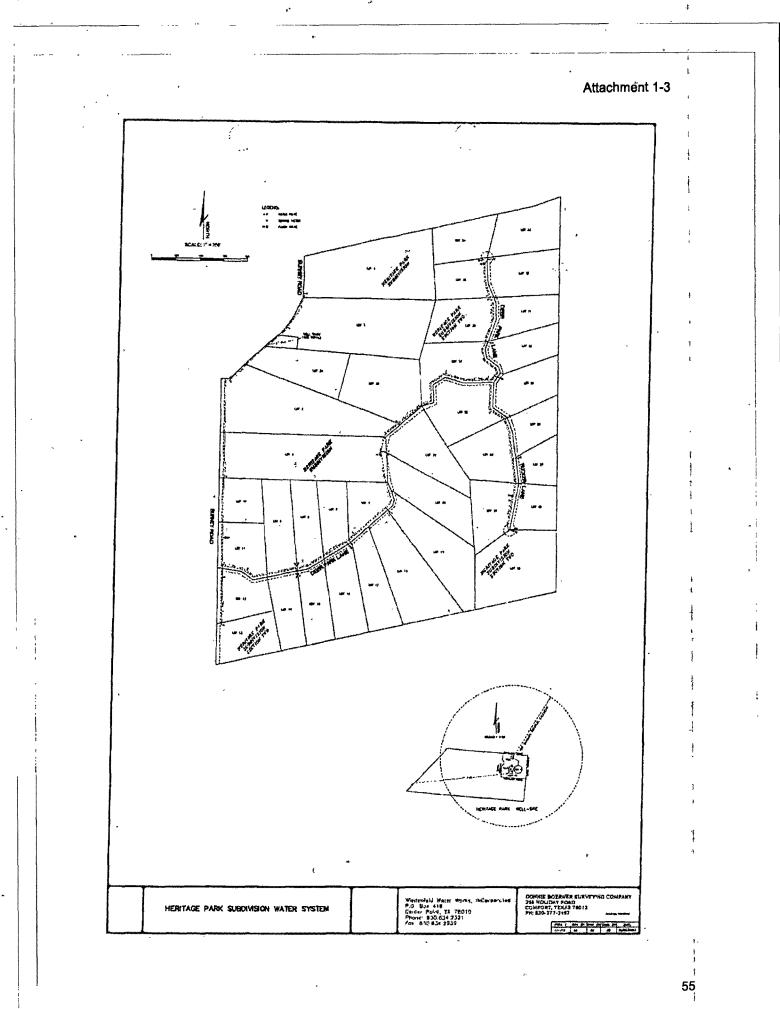
ii) Service Taps

Customer connections off the main lines are 1" copper, which is reduced to %" copper for each individual's meter. Meters (dual) are generally set on common property lines. Brass (lead-free) fittings used to connect the new & replaced brass meters.

3. ELECTRICAL & CONTROLS

Electrical supply is provided by Bandera Electric Coop, Inc. The electric meter is located on the pole located approx. 30 ft west of the plantsite's chain-link fencing. A 200 amp disconnect is located below the meter.

The central breaker panel located just inside the door to the right contains a main breaker, which turns off all of the power inside the plant, and several smaller breakers to turn off individual pumps, air compressor, lights, and other electrical outlets. The well and pressure pump motor starters, located on the left wall, are to each individual pump motor and contain motor protection in each. All pumps, motors, and chemical feed pumps can be manually or automatically turned on and off at the main panel. It contains relays, alternator, and manual-off-auto switches.



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OPERATIONS & MAINTENANCE MANUAL

 Mow and clean the outside of the plant building which includes, but is not limited to clearing the fence of any undergrowth and any other general facility cleanup.

3) Flush "dead-ends" and report estimated gallonage on operations report.

 Finalize, sign and submit the monthly operating report to the WWW office staff.

Annually

- 1) Clean & remove sediment in storage tanks, complete the annual tank inspections and inspection forms.
- Check the wellhead and the well sealing block for any cracks and/or needed caulking.
- 3) Check and replace the screens on the well vent, tank vents, etc.
- 4) Check fencing for providing proper security.

Biannually

1) Calibrate well meters

EMERGENCY CONTACTS

- Well & Pressure Pump problems: Kerr Country Pump, 1157 Sidney Baker -Kerrville
 Office; 830-257-4107; fax 792-4342
 Greg cell: 830-739-2350
 Jerry; 830-739-0050
 Vince; 830-370-6132
- 2) Electrical Supply problems: Bandera Electric Coop Inc.; 1-866-226-3372

 Emergencies by Disasters, fire, hazardous material spills, medical/health; call 911

- 4) Non-emergency; ie Vandalism, theft, etc;
 - Kerr County Sheriff's Dept.: phone 830-896-1133
 - Comfort Voluntary Fire Department; phone 830-995-2124
 - Center Point Voluntary Fire Dept. 830-634-2334

RECORDS

All business and records, etc. are kept at Wiedenfeld Water Works, Inc offices located at 133 CP River Rd., Center Point, Texas 78010.

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OPERATIONS & MAINTENANCF-MANUAL

START UP PROCEDURES

If for any reason the system has been off line or down, the steps for startup of the plant are as follows:

- 1) Turn all switches on the main control panel to the OFF position.
- 2) Check the main power source from the electrical company.
- 3) Check all the breakers to be properly reset to ON position.
- 4) Check and reset all motor starter resets.
- 5) At the main control panel turn the well switch to ON. The well and chemical feed pumps should start at this time.
- 6) At the main control panel turn either of the Booster Pump Switches to the ON position. The pump that was turned to the ON position should start if the storage tank level is above the suction line. Starting the pump will cause the water level and pressure to build in the pressure tank. If the tank does not have enough level, then wait until it does and the Booster Pump will start.
- 7) When the Booster Pump builds enough pressure in the pressure tank it will shut off.
- 8) At this time all switches should be in the ON position on the main control panel, and the plant should be back to complete automatic operation.
- 9) All flush valves need to be opened one or two at a time. They should be run until all air is removed from the distribution system, and a free chlorine residual of at least 0.5 mg/l is obtained at the last tap,

Maintenance Schedules

Weekly

- 1) Read well water meter once a week and record usage.
- 2) Check disinfectant & sequestering agent levels in day-tank and record.
- 3) Collect and record disinfectant residual in distribution using the sites noted on the monitoring plan.
- 4) Check both pressure pumps for proper operation.
- 5) Check air/water controller for maintaining proper levels in pressure tank.

Monthly

1) Collect two (2) microbiological samples; one from the well and labelled as a "Raw" sample, the other from a site in accordance with the Heritage Park's monitoring plan (attached), labelled as a "Distribution sample" for analysis by a TCEQ approved/accredited laboratory. WWWInc utilizes the UGRA Lab- Kerrville and the Kendall County WCID-Comfort.

a) prior to collecting in a 125 ml sterile container, disinfect sampling point tap and check chlorine residual.

- b) Run water from tap slowly while filling the sample to lip of container
- c) Complete coliform sample report form.
- d) Put sample on ice for several hours or until sample temperature is less than 40 degrees before submitting to lab.

-103-100000-00-20151117-00

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RECEIVED

Protecting Texas by Reducing and Preventing Pollution

NOV 0 2 2016

January 15, 2016

CERTIFIED MAIL NO.: 91 7199 9991 7036 0449 5370 RETURN RECEIPT REQUESTED

Mr. R.C. Wiedenfeld, President . Wiedenfeld Water Works, Inc. P.O. Box 418 Center Point, Texas 78010-0418

TCEQ	
FEB 1 9 2016	
Received	

Re: Notice of Violation for Comprehensive Compliance Investigation at: Heritage Park Water System; Located on the east side of Highway 27, 2 miles east of Center Point, Kerr County, Texas Regulated Entity No.: RN102680717, TCEQ PWS ID No.: 1330080, Investigation No. 1293893

Dear Mr. Wiedenfeld:

On November 17, 2015, Mrs. Agnieszka Hobson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for a public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted which were alleged noncompliances that have been resolved based on subsequent corrective action and compliance documentation submitted to this office on ... December 9, 2015. In addition, one outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by February 15, 2016 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for each of the outstanding alleged violations.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <u>http://www.tceq.state.tx.us</u> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the San Antonio Region Office at 210-490-3096 or the Central Office Publications Ordering Team at 512-239-0028.

The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. We anticipate that you will resolve the alleged violations as required in order to protect the State's environment. If you have additional information that we are unaware of, you have the opportunity to contest the violations documented in this notice. Should you choose to do so, you must notify the San Antonio Region

TCEQ Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329

Austin Headquarters: 512-239-1000 · teeq.texas.gov · How is our customer service? teeq.texas.gov/customersurvey printed on recycled paper

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Mr. R. C. Wiedenfeld January 15, 2016 Page 2

Office within 10 days from the date of this letter. At that time, Water Section Manager, Mrs. Lynn Bunguardner will schedule a violation review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the enclosed Summary of Investigation Findings until an official decision is made regarding the status of any or all of the contested violations,

If you or members of your staff have any questions, please feel free to contact Mrs. Hobson in the San Antonio Region Office at 210-403-4075.

Sincerely,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office Texas Commission on Environmental Quality

JTC/AMH/eg

Enclosure: Summary of Investigation Findings

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IERITAGE PARK WATER SERVICE	Investigation #
	1293893 investigation Date: 11/17/2015
KERR COUNTY,	
dditional ID(s): 1330080	
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rack No: 592829 Compliance Due Date 0 TAC Chapter 290.42(I)	ə: 02/15/2016
Alleged Violation:	
nvestigation: 1293893	Comment Date: 01/08/2016
Failure to provide a plant operations manual.	• • •
At the time of the investigation, the system was for review.	s not able to provide a plant operations manual
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PWS_1330080_2015...17_Investigation Report Texas Commission on Environmental Quality **Investigation Report**

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov

Customer: Wiedenfeld Water Works Incorporated Customer Number: CN600650725 RECEIVED

Regulated Entity Name: HERITAGE PARK WATER SERVICE	FEB 1 7 2016
Regulated Entity Number: RN102680717	TCEQ

Investigation	# 1293893		Incident N	umbers	Louise and Antonio and Antonio
Investigator:	AGNIESZKA HOBSON		Site Classif	ication	GW <=50 CONNECTION
Conducted:	11/17/2015 11/17/2015		SIC Code:	4941	
Program(s):	PUBLIC WATER SYSTEM/SUPPLY	,			

Name

Investigation Type: Compliance Investigation Location: E SIDE OF HWY 27 2 ML E OF CENTER POINT

Additional ID(s): 1330080

Address: ,

. .

Principal(s):

Role RESPONDENT

WIEDENFELD WATER WORKS INCORPORATED

Activity Type(s):

Local Unit: REGION 13 - SAN ANTONIO

Contact(s):

CONTACT

Role PARTICIPATED IN	Title OPERATOR	Name MR GREG GRINNAN	Phone Work	(830) 214-5481
REGULATED ENTITY MAIL CONTACT	PRESIDENT/OPERATO R	MR R. C WIEDENFELD	Fax Work	(830) 634-2939 (830) 634-2321
NOTIFIED	PRESIDENT/OPERATO R	MR R. C WIEDENFELD		
REGULATED ENTITY	PRESIDENT/OPERATO R	MR R. C WIEDENFELD		

Other Staff Member(s):

Role	Name
Supervisor	JOY THURSTON-COOK
QA Reviewer	STACY ANDERSON



PWSCCIGWCM - CCI GW PURCHASE - COMMUNITY MANDATORY

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HERITAGE PARK WATER SERVICE -

11/17/2015 Inv. # - 1293893

Page 2 of 4

Associated Check List

Checklist Name PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 PWS STANDARD FIELD Unit Name 1330080 Equipment

1330080 Investigation

Investigation Comments:

INTRODUCTION

11/06/2015 - An appointment was made with Mr. R. Charles Wiedenfeld, Wiedenfeld Water Works Incorporated President, to conduct an investigation of the Heritage Park Water System (PWS) on 11/17/2015 at 9:30 am.

11/17/2015 - The investigation was conducted with Mr. Greg Grinnan, Operator, and consisted of a review of all pertinent records, an inspection of the water production and treatment facilities and pressure and free chlorine residual checks in the distribution system. A verbal exit interview was conducted with Mr. Grinnan. During the verbal exit interview, it was explained that the results of the investigation were preliminary; if other issues were discovered, Mr. Grinnan and Mr. Wiedenfeld would be notified.

01/08/2016 - A copy of the Texas Commission on Environmental Quality (TCEQ) Exit Interview Form was sent to Mr. Wiedenfeld. Based on the findings of this investigation, a Notice of Violation (NOV) letter will be issued to facilitate compliance.

GENERAL FACILITY AND PROCESS INFORMATION:

The PWS is classified as a community public water supply system serving 27 connections with an estimated population of approximately 81 people. The water system consists of:

EP#001: One well, with a submersible pump, discharges to one ground storage. Two service pumps take suction and discharge to distribution thru two pressure tanks. An iron sequestering agent and hypochlorination are provided prior to ground storage.

BACKGROUND

The last CCI was conducted at the facility on October 23, 2013. One violation was noted during the investigation. The violation was withdrawn on 05/27/2015.

Enforcement Actions: N/A

Agreed Orders and Compliance Agreements: N/A

Complaints and other Compliance Issues: Yes

Incident #186887 was received on 06/27/2013 regarding rusty water. There were no violations noted during the complaint investigation.

ADDITIONAL INFORMATION

Please see the attached T-NET documentation for system specifics. Attached for review are Water System, Storage Tank, Water Sources, Service Pumps, System Capacities, and Treatment Plants information sheets.

NOV Date 01/15/2016 : Method WRITTEN

OUTSTANDING ALLEGED VIOLATION(S)

Track Number: 592829

Compliance Due Date: 02/15/2016 Violation Start Date: Unknown

30 TAC Chapter 290.42(l)

HERITAGE PARK WATER SERVI

11/17/2015 Inv. # - 1293893 -

Page 2 of 4

Associated Check List

<u>Checklist Name</u> PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 PWS STANDARD FIELD Unit Name 1330080 Equipment

1330080 Investigation

Investigation Comments:

INTRODUCTION

11/06/2015 - An appointment was made with Mr. R. Charles Wiedenfeld, Wiedenfeld Water Works Incorporated President, to conduct an investigation of the Heritage Park Water System (PWS) on 11/17/2015 at 9:30 am.

11/17/2015 - The investigation was conducted with Mr. Greg Grinnan, Operator, and consisted of a review of all pertinent records, an inspection of the water production and treatment facilities and pressure and free chlorine residual checks in the distribution system. A verbal exit interview was conducted with Mr. Grinnan. During the verbal exit interview, it was explained that the results of the investigation were preliminary; if other issues were discovered, Mr. Grinnan and Mr. Wiedenfeld would be notified.

01/08/2016 – A copy of the Texas Commission on Environmental Quality (TCEQ) Exit Interview Form was sent to Mr. Wiedenfeld. Based on the findings of this investigation, a Notice of Violation (NOV) letter will be issued to facilitate compliance.

GENERAL FACILITY AND PROCESS INFORMATION:

The PWS is classified as a community public water supply system serving 27 connections with an estimated population of approximately 81 people. The water system consists of:

EP#001: One well, with a submersible pump, discharges to one ground storage. Two service pumps take suction and discharge to distribution thru two pressure tanks. An iron sequestering agent and hypochlorination are provided prior to ground storage.

BACKGROUND

The last CCI was conducted at the facility on October 23, 2013. One violation was noted during the investigation. The violation was withdrawn on 05/27/2015.

Enforcement Actions: N/A

Agreed Orders and Compliance Agreemants: N/A

Complaints and other Compliance Issues: Yes

Incident #186887 was received on 06/27/2013 regarding rusty water. There were no violations noted during the complaint investigation.

ADDITIONAL INFORMATION

Please see the attached T-NET documentation for system specifics. Attached for review are Water System, Storage Tank, Water Sources, Service Pumps, System Capacities, and Treatment Plants information sheets.

NOVORIO	+1/17/2015	Method	WEITEN	·		:
NOV Date	01/15/2016	Method	WRITTEN		٠	
,				ED VIOLATION(S) ICE OF VIOLATION		

Track Number: 592829

Compliance Due Date: 02/15/2016 Violation Start Date: Unknown

30 TAC Chapter 290.42(l)

HERITAGE	PARK	WATER	SERVA	
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11/17/2015 Inv. # - 1293893

Page 3 of 4

Alleged Violation:

Investigation: 1293893 Failure to provide a plant operations manual. Comment Date: 01/08/2016

At the time of the investigation, the system was not able to provide a plant operations manual for review.

30 TAC 290.42(1) - Plant operations manual. A thorough plant operations manual must be compiled and kept up-to-date for operator review and reference. This manual should be of sufficient detail to provide the operator with routine maintenance and repair procedures, with protocols to be utilized in the event of a natural or man-made catastrophe, as well as provide telephone numbers of water system personnel, system officials, and local/state/federal agencies to be contacted in the event of an emergency.

Recommended Corrective Action: Prepare a plant operations manual in accordance with 30 TAC 290.42(l). To document compliance, submit a copy of the plant operations manual to this office by the compliance due date. ALLEGED VIOLATION(S) NOTED AND RESOLVED ASSOCIATED TO A NOTICE OF VIOLATION

Track Number: 592814	
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Resolution Status Date: 1/8/2016

Violation Start Date: Unknown

Violation End Date: 12/9/2015

64

30 TAC Chapter 290.46(1)

Alleged Violation:

Investigation: 1293893 Failure to flush all dead-end mains at monthly intervals. Comment Date: 01/08/2016

At the time of the investigation, the system was not able to confirm that the dead end mains are being flushed at monthly intervals.

30 TAC 290.46(1)-Flushing of mains. All dead-end mains must be flushed at monthly intervals. Dead-end lines and other mains shall be flushed as needed if water quality complaints are received from water customers or if disinfectant residuals fall below acceptable levels as specified in §290.110 of this title.

Recommended Corrective Action: Flush all dead-end mains at monthly intervals. To document compliance, submit documentation of monthly dead end main flushing to this office by the compliance due date. **Resolution:** This violation is being resolved as a result of compliance documentation received on 12/09/2015.

	Attachment 1-3
HERITAGE PARK WATER SERV.	4
11/17/2015 Inv. # - 1293893	
Page 4 of 4	•
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·	1
Signed No.	Date 1/8/2016
Environmental Investigator	
Signed	Date
Supervisor	
Attachments: (in order of final report	submittal)
Enforcement Action Request (EAR)	Maps, Plans Sketches
Letter to Facility (specify type) : <u>VOV</u>	Photographs
Investigation Report	<u>Correspondence</u> from the facility
Sample Analysis Results	•Other (specify):
Manifests	T-Net Sheet
Notice of Registration	T-Net Sheet DWW Sheet
	TOUR TAPICATI

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY.

Attachment 1-

Re: Notice of Violation for Compliance Evaluation Investigation at: Hills & Dales, Kerr County, Texas Regulated Entity No.: RN101213296, TCEQ ID No.: 1330030 Investigation: 1338007

Dear Mr. Wiedenfeld:

Center Point, Texas 78010-0418

On April 25-26, 2016, Mr. Colby Maron of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above referenced regulated entity to evaluate compliance with applicable requirements for public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted which were alleged noncompliances that have been resolved based on subsequent corrective action. Therefore, no further action is required; however please see the enclosed additional issue.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled Obtaining TCEQ Rules (GI 032) are located on our agency website at http://www.tceq.state.tx.us for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the San Antonio Region Office at (210) 403-4096 or the Central Office Publications Ordering Team at 512-239-0028.

If you or members of your staff have any questions, please feel free to contact Mr. Maron in the San Antonio Region Office at (210) 403-4024.

Sincerely,

Joy Thurston-Cook, Water Section Team Leader San Antonio Region Office

JIC/CM/eg

Enclosure: TCEQ Investigation Report

cc: Mr. Tim Williford, Environmental Health & Safety Manager, South West Water Company

TCEQ Region 13 - 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 220-490-3096 • Fox 210-545-4329 Austin Headquarters: 512-239-1000 • teeq.texas.gov - How is our customer service? Iceq.texas.gov/customersurvey printed on recycled paper

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Summa	ary of Investigation Findings	
HILLS & DALES	Investigation #	
	1338007 Investigation Date: 04/25/2016	
, KERR COUNTY,		4 T
Additional ID(s): 1330030 *		l. 1
		¢ }
Track No: 606884		1.1
30 TAC Chapter 290.46(m)		: :
Alleged Violation:		\$ •
Investigation: 1338007	Comment Date: 06/14/2016	i
Failure to maintain the barbed	wire fence at the Hope Lane Plant.	3 1 2 f
At the time of the investigation, become loose and fell off the fe	the barbed on the security fence at the Hope Lane Plant had 'ence.	
290.46(m) Maintenance and ho	usekeeping. The maintenance and housekeeping practices	
	shall ensure the good working condition and general ilities and equipment. The grounds and facilities shall be	
maintained in a manner so as t	o minimize the possibility of the harboring of rodents, insects,	
the contamination of the water.	in such a way as to prevent other conditions that might cause	ł
	tion: Provide by the compliance due date, completed work	, in
	indicating the barbed wire had been repaired. Ographs were provided indicating the barbed wire had been	i i
	ADDITIONALISSUES	, †
Description	Additional Comments	
Item 1	At the time of the investigation, it was noted that lives:ock watering troughs and above ground pools	. -
	were located at residential connections but the status of backflow and cross-connection prevention	
	could not be determined. The entity must ensure	1
	that the potential contamination hazards are evaluated, and if hecessary, eliminated or isolated	. 1
	from the public water system.	
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		, I
		1 . 1
Summary of investigation Findings	Page 1 of 1	1 14

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PWS_1330030_CO_20160425_Investigation Report Texas Commission on Environmental Quality Investigation Report

Incident Numbers

SIC Code: 4941 NAIC Code: 221310

HWY 39

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov.

Customer: Wiedenfeld Water Works, Incorporated Customer Number: CN600650725

Regulated Entity Name: HILLS & DALES Regulated Entity Number: RN101213296

Acgulated Entity Mullion. MITO1213.

Investigation # 1338007 Investigator: COLBY MARON

Conducted: 04/25/2016 -- 04/26/2016

Program(s): PUBLIC WATER SYSTEM/SUPPLY

Investigation Type: Compliance Investigation

Additional ID(s): 1330030

Address:,

Local Unit: REGION 13 - SAN ANTONIO Activity Type(s): PWSCCIGWCM - CCI GW PURCHASE - COMMUNITY MANDATORY

Site Classification GW 51-250 CONNECTION

Location: 5 M NORTH OF INGRAM ON N SIDE OF

Principal(s):

Role RESPONDENT Name , WIEDENFELD WATER WORKS INCORPORATED

Contact(s):

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HILLS & DALES - INGRAM

4/25/2016 to 4/26/2016 Inv. # - 1338007

Page 3 of 5

investigation. The investigator reviewed all pertinent records as part of the two day investigation.

04/26/2016- The investigator met with Mr. Amezquita and Mr. Maldonado to inspect the water production, treatment and storage facilities and conduct chlorine residual and pressure tests in the distribution. The investigator concluded with a verbal exit interview.

04/27/2016- The investigator emailed the Exit Interview form noting one alleged violation and one additional issue.

05/16/2016- Mr. Maldonado met the investigator to drop off compliance documentation for the alleged violation and documentation indicating that two alleged violations were cited in error.

A Notice of Violation will be issued as a result of this investigation.

GENERAL FACILITY AND PROCESS INFORMATION

The Hills & Dales system is classified as a community public water supply system serving 73 metered connections with an estimated population of approximately 219 people. The water system consists of two separate entry points.

Entry point 001, Hope Lanc Plant, consists of one well, submersible pump, discharging to one ground storage tank. Two service pumps take suction from the ground storage tank and discharge to the primary pressure plane through two pressure tanks. An iron sequestrate and hypo-chlorination are introduced prior to the ground storage tank.

Entry Point 002, Hi Line Plant, consists of one well, submersible pump, discharging to one elevated ground storage tank. Two service pumps take suction from the elevated ground storage tanks and discharge to an upper pressure plane, consisting of 31 connections through two pressure tanks. Water gravity flows to the primary pressure plane. An iron sequestrate and hypo-chlorination are introduced prior to the elevated ground storage tanks.

BACKGROUND

The last full CCI of this facility was conducted on 10/22/2013. Two violations were cited at the investigation.

Current Enforcement Actions: N/A Agreed Orders and Compliance Agreements: N/A Complaints and other Compliance Issues: N/A

ADDITIONAL INFORMATION

The water system has received an exception to the sanitary control easement rule for both wells and is required to collect raw water microbiological samples from both each month.

Early 2016, Southwest Water Company (SWWC) bought into the Wiedenfeld Water Works (WWW) making them a part owner of the facilities. According to the CCN information and ownership in the county appraisal district, the water system is still owned by WWW but day to day operations are handled by SWWC.

Please see the attached T-NET documentation for system specifics. Attached for review are Water System, Storage Tank, Water Sources, Service Pumps, System Capacities, and Treatment Plants information sheets.

NOV Date 04/28/2016	Method AREA OF CONCERN	
	AREA OF CONCERN	میں ہے۔ میں ریڈ کہ ملائی ہے۔ میں ریڈ کہ ملائی ہے۔

	& DALES - INGRAM 016 to 4/26/2016 Inv. # - 1338007		
	4/25/2018 to 4/26/2018 inv. # - 1338007 Page 5 of 5		
	Attachments: (in order of final report submittal)		
	Enforcement Action Request (EAR) Letter to Facility (specify type) : <i>MAz</i> Investigation Report Sample Analysis Results Manifests	Maps, Plans, Sketches Photographs Correspondence from the facility Cother (specify) : TWETDUM_SOSCIF	
	Notice of Registration		
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Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Conunissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 8, 2016

Mr. Raymond Wiedenfeld, President Wiedenfeld Water Works, Inc. P. O. Box 418 Center Point, Texas 78010-0418

JUL: 1 1 2016

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Re: Notice of Violation for Compliance Evaluation Investigation at: Oak Ridge Estates, Kerr County, Texas Regulated Entity No.: RN101284438, TCEQ ID No.: 1330134 Investigation: 1338714

Dear Mr. Wiedenfeld:

On April 25-26, 2016, Mr. Colby Maron of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted which were alleged noncompliances that have been resolved based on subsequent corrective action. Therefore, no further action is required; however please see the enclosed additional issue.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled Obtaining TCEQ Rules (GI 032) are located on our agency website at http://www.tccq.state.tx.us for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the San Antonio Region Office at (210) 403-4096 or the Central Office Publications Ordering Team at 512-239-0028.

If you or members of your staff have any questions, please feel free to contact Mr. Maron in the San Antonio Region Office at (210) 403-4024.

Sincerely

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/CM/eg

cc: Mr. Tim Williford, South West Water Company.

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 Summary of Investigation Findings	

OAK RIDGE ESTATES WATER SYSTEM

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Investigation # 1338714 Investigation Date: 04/25/2016

, KERR COUNTY,

Additional ID(s): 1330134

ALLEGED VIOLATION(S) NOTED AND RESOLVED ASSOCIATED TO A NOTICE OF VIOLATION

Track No: 607471 30 TAC Chapter 290.43(c)(3)

Alleged Violation:

Investigation: 1338714

Comment Date: 06/17/2016

Failure to provide a gravity-hinged and weighted cover, an elastomeric duckbill valve, or other approved device on the storage tank overflow.

At the time of the investigation, the overflow discharge opening did not have a cover.

290.43(c)(3) - Overflows shall be designed in strict accordance with current AWWA standards. If the overflow terminates at any point other than the ground level, it shall be located near enough and at a position accessible from a ladder or the balcony for inspection purposes. The overflow(s) shall be sized to handle the maximum possible fill rate without exceeding the capacity of the overflow(s). The discharge opening of the overflow(s) shall be above the surface of the ground and shall not be subject to submergence. The discharge opening shall be covered with a gravity-hinged and weighted cover, an elastomeric duckbill valve, or other approved device to prevent the entrance of insects and other nuisances. When the tank is not overflowing, the cover shall close automatically and fit tightly with no gap over 1/16 inch.

Recommended Corrective Action: Provide by the compliance due date, a completed work order, invoice or photographs indicating the overflow discharge opening has been covered. Resolution: 05/16/2016- Photographs indicating that covers had been installed were received.

Description Item 2

Additional Comments

At the time of the investigation, it was noted that livestock watering troughs and above ground pools were located at residential connections but the status of backflow and cross-connection prevention could not be determined. The entity must ensure that the potential contamination hazards are evaluated, and if necessary, eliminated or isolated from the public water system.

Summary of Investigation Findings

Page 1 of 2

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DAK RIDGE ESTATES WATER SYSTEM	Investigation # 1338714
em 3	30 TAC§ 291.93(3)
	At the time of the investigation, it was noted that the entity has reached 88% of its service pump capacity. This was based upon 44 connections. The entity must submit to the Texas Commission on Environmental Quality (TCEQ) Utility Technical Review Team, MC 159, PO Box 13087, Austin, TX 78711-3087; (512)239-4691an 85% planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area and submit to the TCEQ San Antonio Region Office documentation verifying submittal.
	30 TAC 290.93(3) – After any commission field inspection, a retail public utility must analyze the system's capacity to determine if it has reached 85% of its capacity. If the retail public utility has reached 85% of its capacity, it must file this report no later than 90 days after the date of a commission letter detailing the results of the inspection. Capacity is considered to be the overall rated capacity in number of residential connection equivalents based on the most restrictive criteria for production, treatment, storage, or pumping. The report should be submitted in writing and should contain the following: a brief description of the overall utility system and service area; an analysis of the plant capacity as defined in subparagraph (A) of this paragraph; details on how the retail public utility will provide service to the remaining areas within the boundaries of its certificated area. This includes projections of cost and expected design and installation dates for additional facilities.
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Summary of Investigation Findings

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Page 2 of 2

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Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



JUN 27 2016 XU - AP **TEXAS COMMISSION ON ENVIRONMENTAL OUALI**

Protecting Texas by Reducing and Preventing Pollution

June 22, 2016

Mr. Raymond C. Wiedenfeld, President Wiedenfeld Water Works, Inc. P. O. Box 418 Center Point, Texas 78010-0418

Re: **Comprehensive Compliance Investigation at:** Verde Park Estates, Kerr County, Texas Regulated Entity No.: RN101210961, TCEQ ID No.: 1330027 Investigation: 1337776

Dear Mr. Wiedenfeld:

On April 25-26, 2016, Mr. Colby Maron of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted a comprehensive compliance investigation of the above-referenced operation to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation. However, please note the Additional Issues listed in the attached Summary of Investigation Findings.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mr. Maron in the San Antonio Region Office at 210/403-4024.

Sincerely,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/CM/eg

cc:

Mr. Tim Williford, Environmental Health & Safety Manager, South West Water Company

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Austin Headquarters: 512-239-1000 . tceq.texas.gov . How is our customer service? tceq.texas.gov/customersurvey printed on recycled paper

Attachment 1-3 mmary of Investigation Findings VERDE PARK ESTATES Investigation # 1337776 Investigation Date: 04/25/2016 , KERR COUNTY, 1 Additional ID(s): + 1330027 No Violations Associated to this investigation . ŧ ADDITIONAL ISSUES 65 Description Additional Comments ŧ Item 1 At the time of the investigation, it was noted that livestock watering troughs and above ground pools were located at residential connections, but the status of backflow and cross-connection prevention could not be determined. The entity must ensure that the potential contamination hazards are evaluated, and if necessary, eliminated or isolated from the public water system. Item 2 At the time of the investigation, it was noted that the entity has reached 97% of its service pump capacity. This was based upon 68 connections. The entity must submit to the Texas Commission on Environmental Quality (TCEQ) Plan Review Team, MC 159, PO Box 13087, Austin, TX 78711-3087; (512)239-4691 an 85% planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area and submit to the TCEQ San Antonio Region Office documentation verifying submittal. 30 TAC 290.93(3)- After any commission field inspection, a retail public utility must analyze the system's capacity to determine if it has reached 85% of its capacity. If the retail public utility has reached 85% of its capacity, it must file this report no later than 90 days after the date of a commission letter detailing the results of the inspection. Capacity is considered to be the overall rated capacity in number of residential connection equivalents based on the most restrictive criteria for production, treatment, storage, or pumping. The report should be submitted in writing and should contain the following: a brief description of the overall utility system and service area; an analysis of the plant capacity as defined in subparagraph (A) of this paragraph; details on how the retail public utility will provide service to the remaining areas within the boundaries of its certificated area. This includes projections of cost and expected design and installation dates for additional facilities.

Page 1 of 1

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 22, 2016

Mr. R. C. Wiedenfeld, President Wiedenfeld Water Works Inc. PO Box 418 Center Point TX 78010-0418

Re: Notice of Compliance with Notice of Violation (NOV) dated January 15, 2016: Vista Hills Water System, 125 Vista Hills Drive, Kerr County, Texas Regulated Entity No.: RN105915359, TCEQ ID No.: 1330169, Investigation No.: 1342973

Dear Mr. Wiedenfeld:

This letter is to inform you that Texas Commission on Environmental Quality San Antonio Region Office has received adequate compliance documentation on January 13, 2016 to resolve the alleged violations documented during the investigation of the above-referenced regulated entity conducted on November 17, 2015. Based on the information submitted, no further action is required concerning this investigation.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions, please feel free to contact Mrs. Agnieszka Hobson at the San Antonio Region Office at 210-403-4075.

Sincerely,

hy at Ch.

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/ah/eg

TCEO Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 * 210-490-3096 • Fax 210-545-4329

Austin Headquarters: 512-239-1000 • tceq.texas.gov • How is our customer service? tceq.texas.gov/customersurvey pinted on respired paper



WIEDENFELD WATER WORKS INCORPORATED

133 CP River Road E, PO Box 418 Center Point, TX 78010 830-634-2321 Phone 830-634-2393 Fax 1: <u>wwwins@hetc.nst</u> website: wiedenfaldwater.com

January 11, 2016

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Agnieska Hobson TCEQ; Water Section 14250 Judson Rd San Antonio, TX 78233-4480

Re: Response to Records request; heritage Oaks PWS 1330080 & Vista Hills, PWS 1330169

- 1. Enclosed are the proposed Operating Manuals for the above recently inspected water systems.
- Flushing records for the above systems are not available, since flushing was not recorded or practiced on a regular basis due to the drought conditions and low aquifer levels. Thus, flushing was performed in response to customer complaints.

Please reply if you need further information or remedies for these violations.

antes Winderfill 1/11/16

R. Charles Wiedenfeld, President Wiedenfeld Water Works, Incorporated

830-739-5050 cell

TCE0 R-13 2018 JAN 13 1434

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Attachment 1-3

OPERATIONS & MAINTENANCE

For

Vista Hills Water system, PWS 1330169

Owned & operated by:

Wiedenfeld Water Works, Incorporated POB 418 Center Point, Texas 78010 830-634-2321, fax 830-634-2939, email: <u>wwwinc@hctc.net</u> Website: wiedenfeldwater.com

Plant & Wellsite Location: 125 Vista Hills; Kerrville, Texas 78028 Vista Hills Water system serves 13 customers a/o 12/31/2015

A. RAW WATER SOURCES -WELL

This is a groundwater production plant that only utilizes water from a well as its source.

Groundwater from the Middle Trinity Aquifer is utilized to supply the Vista Hills PWS. The Trinity Aquifer, more particularly the Cow Creek limestone member(TWDB report 102), is capable of producing moderate amounts (25-500gpm) of freshwater suitable for most purposes.

The Vista Hills PWS currently has one active well, identified as G1330169A, located in the southeast corner of the 125 Vista Hills plant site. A State of Texas well-report and cross-section schematic of well are attached.

The well is currently equipped with a 5Hp, 230v, 1 phase submersible pump, that is producing 18 gallons/minute. Production is measured with an 1-1/2" positive displacement Neptune meter, which is calibrated and recorded every year.

The well's operation is controlled by float switch in the ground storage tank. Floats are set with 18" of pump operation between on & off. The well's electrical controls are located in the electric breaker panel in the pumphouse. A manual switch identified as a timer mechanism is located below the breaker panel, which is needed to check the well during monthly routine checks. If the well does not operate with the manual switch on, then a check of the breaker, and/or starter resets, at the well location, should be done. If the well still does not operate, then contact Kerr Country Pump Company to further evaluate the pump.

B. TREATMENT PLANT DESCRIPTION & DESIGN

The produced water is treated with a disinfectant for biological control and a sequestering agent to control discoloration by the high iron content. A free residual

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		·	Attachment 1	-3 i	Ł
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OPE	P TIONS & MAINTE	NANCE MANUA'			
nnalntained bet	tween 1 & 1.5 mg/l at th	e plant and this will all	low for residuals at	ł	
li mes to be abo	ove state requirements. by injecting the seques		•	terra	
iping just down	instream of the wellhead	d (after meter).		*	
ctant is injected	ed in piping just prior to e	entering the storage ta	anks.	ł	
	ant and disinfectant are			¥	
1 -5 gallon plas	rically in conjunction with stic day tanks located in a sheet, each visit to we	the pumphouse. The		ł	
				*	
	ACITIES, DESIGN, &	OPERATIONS			
i ng plant facilit				* * *	
	2			ì	
	ES (based on 13 con	nections in Vista hills)	ł	
TCEQ reg.	Vista reĝs.	Current capacity	% of capacity	}	
CO.6 gpm/conn		18 gpm	225%		
Storage (200		9,000 gal ~ 900 gal	346% 346%	t đ	
- Pumps(2gp	m/c) 26gpm	80gpm	308%	;	
Sical Struc	CTURES			1. 3	
torage facilitie		* .		ł	
age includes t	two tanks, (one) 5,000 g ks, installed 2010. The i	al masonry tank insta	lied in 1988 and	,	
	ure pumps. Each tank ca			, k	
	•	,		•	*
sessure pump		*	\$ 	·	ł,
ps capable o	ase, self-priming, dual s of producing 40gpm@40	psi are maintaining p	roper pressure.	؛ ۳	
pressure tank	each controlled by a Squ c. They are set to opera res. The pumps can be r	te automatically betw	een 45 (cut-on)	\$ 2	
In . *	• • •	3	•	+ r	
hese can be	tected from an empty st overridden in an emerg	ency by getting on tar	nk and lifting the	۲	
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TOPERATIONS & MAINTENANCE

c. Pressure Tank(s)

One 960 gal. epoxy coated steel, 125psi rated Wendland Mfg'er was installed in 2014. The tank is filled thru 3" outlet on east end that is 'Tee'd" off the 3" distribution line. The tank is equipped with a 2" drain and air inlet port, a 1" sight glass port. The tank is not equipped with an inspection port for entry into tank.

Air/water equalization is maintained by a "Whitewater mfg.", model 0610, 110v, oil-less compressor that is mounted on the 2' port on top of the tank.

d. Distribution System

Piping in Vista Hills PWS consists of 3" PVC, sdr 21 leaving the plant out to Scenic Hills Rd, where connects with 6" clay-asbestos pipe that runs north & south to the extent of the Vista Hills subdiv.

Gate valves are installed at every junction. Flush valves are installed below grade for each of the 4 flush hydrants.

Each customer is metered with a 5/8" x 3/4" residential meter, meter boxes with valves on either side of meter are located on common property lines. Piping off the main consists of a 1" brass saddle, brass valve and polyvinyl (copper tubing size) piping to meter box. Compression fittings are used to connect fittings.

A map of the system is attached and is available at the WWWInc offices:

3. ELECTRICAL & CONTROLS

Electrical supply is provided by Kerrville Public Utility Board. The electric meter is located on the southeast side of the concrete block pumphouse. A 150 amp disconnect is located below the meter.

The central breaker panel located just inside the door to the left contains a main breaker, which turns off all of the power inside the plant, and several smaller breakers to turn off individual pumps, air compressor, lights, and other electrical outlets. The well and pressure pump motor starters, located on the left wall, are to each individual pump motor and contain motor protection in each. All pumps, motors, and chemical feed pumps can be manually or automatically turned on and off at the main panel. It contains relays, alternator, and manual-off-auto switches.

All electrical wiring is encased in flexible, watertight conduit. Connections made in junction boxes or at terminals.

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OPER TIONS & MAINTENANCE MANUAL

START UP PROCÉDURES

If for any reason the system has been off line or down, the steps for startup of the plant are as follows:

1) Turn all switches on the main control panel to the OFF position.

2) Check the main power source from the electrical company.

3) Check all the breakers to be properly reset to ON position.

4) · · · Check and reset all motor starter resets.

5) At the main control panel turn the well switch to ON. The well and chemical feed pumps should start at this time.

6) At the main control panel turn either of the Booster Pump Switches to the ON position. The pump that was turned to the ON position should start if the storage tank level is above the suction line. Starting the pump will cause the water level and pressure to build in the pressure tank. If the tank does not have enough level, then wait until it does and the Booster Pump will start.

7) When the Booster Pump builds enough pressure in the pressure tank it will shut off.

 At this time all switches should be in the ON position on the main control panel, and the plant should be back to complete automatic operation.

9) All flush valves need to be opened one or two at a time. They should be run until all air is removed from the distribution system, and a free chlorine residual of at least 0.5 mg/l is obtained at the last tap.

Maintenance Schedules: Weekly

1) Read well water meter once a week and record usage.

2) Check disinfectant & sequestering agent levels in day-tank and record.

3) Collect and record disinfectant residual in distribution using the sites

noted on the monitoring plan.

4) Check both pressure pumps for proper operation.

5) Check alr/water controller for maintaining proper levels in pressure tank.

Monthly

(1) Collect two (2) microbiological samples; one from the well and labelled as a "Raw" sample, the other from a site in accordance with the Heritage Park's monitoring plan (attached), labelled as a "Distribution sample" for analysis by a TCEQ approved/accredited laboratory. WWWInc utilizes the UGRA Lab- Kerrville and the Kendall County WCID-Comfort.

a) prior to collecting in a 125 ml sterile container, disinfect sampling point tap and check chlorine residual.

b) Run water from tap slowly while filling the sample to lip of container

c) Complete coliform sample report form.

d) Put sample on ice for several hours or until sample temperature is less than 40 degrees before submitting to lab.

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OPERATIONS & MAINTENANCE MANUAL

2) Mow and clean the outside of the plant building which includes, but is not limited to clearing the fence of any undergrowth and any other general facility cleanup.

3) Flush "dead-ends" and report estimated gallonage on operations report.

 Finalize, sign and submit the monthly operating report to the WWW office staff.

Annually

 Clean & remove sediment in storage tanks, complete the annual tank inspections and inspection forms.

2) Check the wellhead and the well sealing block for any cracks and/or needed caulking.

3) Check and replace the screens on the well vent, tank vents, etc.

4) Check fencing for providing proper security.

Biannually

1) Calibrate well meters

EMERGENCY CONTACTS

 Well & Pressure Pump problems: Kerr Country Pump, 1157 Sidney Baker -Kerrville
 Office; 830-257-4107; fax 792-4342
 Greg cell: 830-739-2350
 Jerry; 830-739-0050
 Vince: 830-370-6132

2) Electrical Supply problems: Kenville Public Utility Board; 1-830-257-3050

3) Emergencies by Disasters, fire, hazardous material splits, medical/health; call 911

4) Non-emergency; le Vandalism, theft, etc;

- Kerr County Sheriff's Dept.: phone 830-896-1133

- City of Kerrville Fire Dept. 830-257-8449

- Comfort Voluntary Fire Department; phone 830-995-2124

- Center Point Voluntary Fire Dept. 830-634-2334

RECORDS

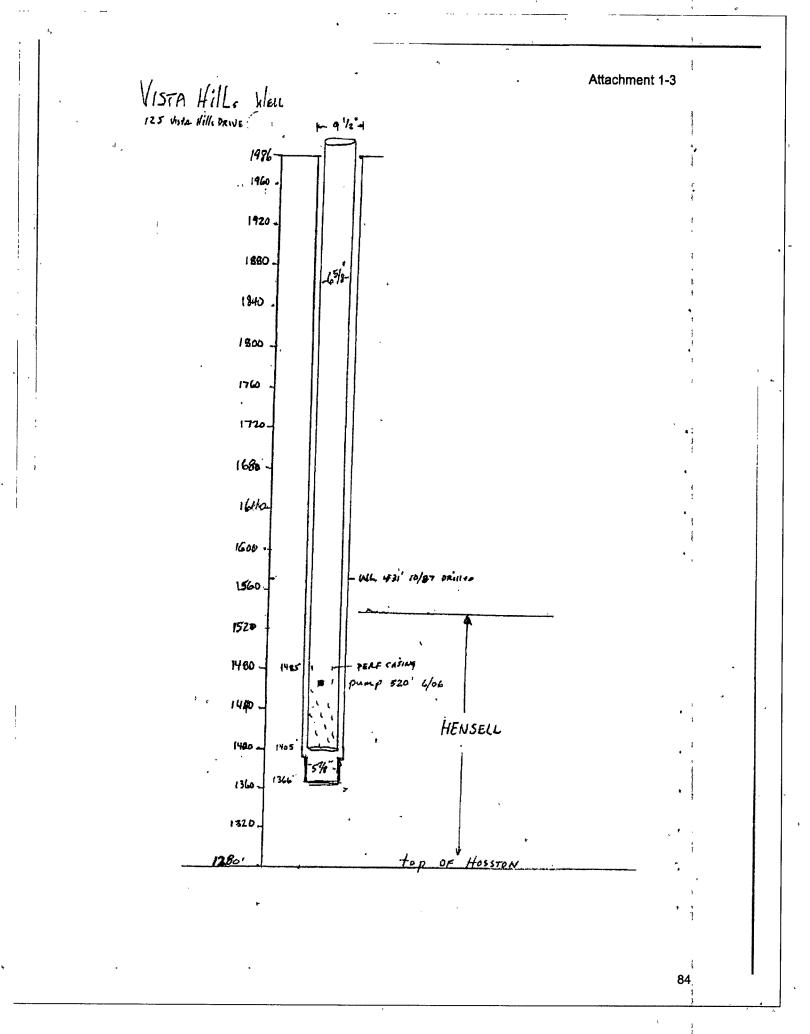
All business and records, etc. are kept at Wiedenfeld Water Works, Inc offices located at 133 CP River Rd., Center Point, Texas 78010.

, ´	Attachment 1-3
certiliad mail to the WATER	e of Texas 620 WELL REPORT 56 Taxas Waller Well Drillers Board P. O. Bux 13087 Austin, Texas 78711
OWNER B. K. Williams, Jr. M.D. Addres	Street or RFDI (City) (Steel) (21)
2) LOCATION OF WELL: County KOFF 1 miles in	Horth direction from Karryills' (N.E., S.W., etc.) (Town)
Driller must complete the legel description to the right Section or survey lines, or he must locale and identify the Abst with distance and direction from two intersecting sec- tion or survey lines, or he must locale and identify the Abst well on an official Questers or Heli-Scale Texas County General Highway Map and ettach the map to this form. Dista	lescription: on NoBlock NoTawnship ract NoSurvey Neme nce and direction from two intersecting section or survey lines sched mep.
	*
3) TYPE OF WORK (Check): 4) PROPOSED USE (Check): Dhew Weit Despening Domestic Industrial Monitor	B) DRILLING METHOD (Check): Driven QPublic Supply Mud Ratery Air Hemmer Jetted Bared
Reconditioning OPlugging Olrriggtion OTest Well Officiation	DOther DAlr Ratery' DCable Tool DOther
WELLLOG: DIAMETER OF HOLE	7) BOREHOLE COMPLETION:
Date Drilling: 10/26 07 Dis. (in.) From (it.) To (i.)	Open Hole D Straight Wall D Underreamed
Sterred 10/24 1887 10-5/8 Surface 80	Grevel Packed DOther Slattad Liner
Campleties 11/17 197 9-1/2 80 600 5-7/8 600 620	If Gravel Packed give Interval fromft. to
From To Description and obtain formation (IL) (IL) material	8 CASING, BLANK PIPE, AND WELL SCREEN DATA
	nin New Steel, Playtic, etc. Setting (ft.) Geg
THEFT E GELLUIG	Casi
	Used Screen MgI., I commercial From To Scre
72 98 Ulue Shale	65/8H API 5 L Steel Surf. 301
23 114 White Lime	65/8H .25" wall mill .501 581
114 365 filue Shale w/ Lime Stks.	slotted linerislotted
388 412 Crey Sand (Glenrose)	12 slots/ft. •
412 416 Grey Line	slot size 2.5" X 125"
416 455 Crey Sand w/ Lime Stks.	9) CEMENTING DATA (Rule 319.44(6)]
455 472 Yellow Sand w/ Lime Stks,	Commented from SUFF #, to SO1_ ft. No. of Secke Used 100
.472 494 Vig. Red Sand w/. Red Silt	It, to It, No. of Secks Used
494 560 Red Sand	Method used Pressure pumped
5KJ 586 White Lime	Cemented by Driller
596 620 Coarse Red Sand w/	
 conglomerate and Lime S 	TIS 10) SURFACE COMPLETION
	XX Specified Surface Sist installed [Rule 319.44(c)]
Dowell formula2528 ou.ft./lin.ft.	Pisless Adapter Used [Rule 319.44[d)]
SUNGI TOAMUAD - 1220 CUATEA/CINATEA	Approved Alternative Procedure Used [Rule 319.74]
	11) WATER LEVEL
	Static level 431 ft. below land surface Date 11/20 + Artesian flow
1999 14 1999	
	12) PACKERSI YUMA Olanih I
	12) PACKERS: Type Depth 34
	12) PACKERS: Type Depth B
	, Τπο Canvas 500 - 497
	, Тио Canvas 500 - 497. 13) туре римр:
	, Two Canvas 500 - 497 13) TYPE PUMP: Turbine I Jet I Submersible Cylinder
{Use reverse side if necessary}	, Тио Canvas 500 - 497. 13) туре римр:

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Attachment 1-3 SANITARY CONTROL PARSONS JISTA HILLS SUBDIVISION BOULDARY -1459 14 . 443 A.8 \$ 70° 53' 31" E ē 313.07 119.91 (16) (15) (1) Ħ, ភ (14) ũ 6.85 Ac. (13) 4.48 80 4.65 AC. 34 E 407. 4.91 44. 2.20 (010) (10) 53.53 8 1131 1 115 1 112.21 JAL 8 Λ 11011 n, DRIVE 2.27 AC. ٩ 43.16 5 30+ 2 f#42 # 58*27 St W, Std 6: ľ. (17.6) 1241 Co. (19 łŧ (20) 3,82 Ac. ę., 8 104 2.84 SCENIC LOT 22 is the WELL LOT comprising 0.18 Ac. The well location shall be radius scaling zone. The East line of LOT 22 is 25.0'. Sideda'dB'W 51'20 (7 393,66 50+15 057 22 Ac. 0,841 FILLS (6) : |} |} (3) 2.96 Ac. 2.40 5) 3.22 Ac. 12701 (2 40 ×. 125.64 12001 6" 2501 335.01 SCALE 1 = ZSO (Bi 1.1. A. 4^{rr} 1 85 • ••

100-10000-00- CUIS 1117_ CUI

AC_JF_

Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jòn Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



RECEIVED NOV 0 2 2016

ENTRAL FILE BOOM

Attachment 1-3

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 15, 2016

CERTIFIED MAIL NO.: 91 7199 9991 7036 0449 5387 RETURN RECEIPT REQUESTED

Mr. R.C. Wiedenfeld, President Wiedenfeld Water Works, Inc. P.O. Box 418 Center Point, Texas 78010-0418

FE8 19 Received

Re: Notice of Violation for Comprehensive Compliance Investigation at: Vista Hills Water System; Located at 125 Vista Hills Drive, Kerr County, Texas Regulated Entity No.: RN105915359, TCEQ PWS ID No.: 1330169, Investigation No. 1293891

Dear Mr. Wiedenfeld:

On November 17, 2015, Mrs. Agnieszka Hobson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for a public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted which were alleged noncompliances that have been resolved based on subsequent corrective action and compliance documentation submitted to this office on December 9, 2015. In addition, one outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by February 15, 2016 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for each of the outstanding alleged violations.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled Obtaining TCEQ Rules (GI 032) are located on our agency website at <u>http://www.tceq.state.tx.us</u> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the San Antonio Region Office at 210-490-3096 or the Central Office Publications Ordering Team at 512-239-0028.

The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. We anticipate that you will resolve the alleged violations as required in order to protect the State's environment. If you have additional information that we are unaware of, you have the opportunity to contest the violations documented in this notice. Should you choose to do so, you must notify the San Antonio Region Office within 10 days from the date of this letter. At that time, Water Section Manager, Mrs.

TCEQ Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329 Austin Headquarters: 512-239-1000 • tceq texas gov • How is our customer service? tceq.texas.gov/customersurvey.

P.

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Mr. R. C. Wiedenfeld January 15, 2016 Page 2

Lynn Bumguardner will schedule a violation review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the enclosed Summary of Investigation Findings until an official decision is made. regarding the status of any or all of the contested violations.

If you or members of your staff have any questions, please feel free to contact Mrs. Hobson in the San Antonio Region Office at 210-403-4075.

Sincerely. ol

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office Texas Commission on Environmental Quality

JTC/AMH/eg

Enclosure: Summary of Investigation Findings

	of Investigation Findies	2
VISTA HILLS	Investigation #	a desire a
, COUNTY,	Investigation Date: 11/17/2015	1
-		ŧ
Additional ID(s): 1330169		f 1
	NG ALLEGED VIOLATION(S)	-
Track No: 592908 Compliance I 30 TAC Chapter 290.42(I)	Due Date: 02/15/2016	۱ ۱.
Alleged Violation:		}
Investigation: 1293891	Comment Date: 01/11/2016	1
Failure to provide a plant operations m	anual.	1
At the time of the investigation, the sys for review,	stem was not able to provide a plant operations manual	ł
30 TAC 290.42(I) - Plant operations ma	anual. A thorough plant operations manual must be	\$
	ator review and reference. This manual should be of r with routine maintenance and repair procedures, with	ļ
protocols to be utilized in the event of a	a natural or man-made catastrophe, as well as provide ersonnel, system officials, and local/state/federal]
Recommended Corrective Action: F	Prepare a plant operations manual in accordance with 30	\$
TAC 290.42(I). To document compliance, submit a cor	py of the plant operations manual to this office by the	ŧ
compliance due date.	2	1
	TION(S) NOTED AND RESOLVED	ł
Track No: 592907		
30 TAC Chapter 290.46(I)		
Alleged Violation: Investigation: 1293891	Comment Date: 01/11/2016	Ł
		t
Failure to flush all dead-end mains at n	•	1
At the time of the investigation, the sys are being flushed at monthly intervals.	stem was not able to confirm that the dead end mains	1
	il dead-end mains must be flushed at monthly intervals.	
Dead-end lines and other mains shall b	Il dead-end mains must be flushed at monthly intervals. be flushed as needed if water quality complaints are sinfectant residuals fall below acceptable levels as	F
Dead-end lines and other mains shall b received from water customers or if dis specified in §290,110 of this title.	bè flushed as needed if water quality complaints are sinfectant residuals fail below acceptable levels as	ł
Dead-end lines and other mains shall b received from water customers or if dis specified in §290,110 of this title. Recommended Corrective Action: F	bè flushed as needed if water quality complaints are	F E E
Dead-end lines and other mains shall be received from water customers or if dis specified in §290,110 of this title. Recommended Corrective Action: F document compliance, submit document the compliance due date. Resolution: This violation is being reso	be flushed as needed if water quality complaints are sinfectant residuals fall below acceptable levels as s	t to the second s
Dead-end lines and other mains shall be received from water customers or if dis specified in §290,110 of this title. Recommended Corrective Action: F document compliance, submit document the compliance due date.	be flushed as needed if water quality complaints are sinfectant residuals fall below acceptable levels as flush all dead-end mains at monthly intervals. To ntation of monthly dead end main flushing to this office by	F ₹ ₹ ₹ ₹
Dead-end lines and other mains shall be received from water customers or if dis specified in §290,110 of this title. Recommended Corrective Action: F document compliance, submit document the compliance due date. Resolution: This violation is being reso	be flushed as needed if water quality complaints are sinfectant residuals fall below acceptable levels as flush all dead-end mains at monthly intervals. To ntation of monthly dead end main flushing to this office by	F F F F F F F F F F F F F F F F F F F

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PWS_1330169_2015 7_Investigation Report Texas Commission on Environmental Quality Investigation Report

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov

Customer: Wiedenfeld Water Works Incorporated Customer Number: CN600650725

	Regulated Entity	Name: VISTA HILLS	}		-1
	Regulated Entity I	Number: RN1059153	59 Î	RECEIVED	• \
Investigation # 129	93891	Incident Number	rs	FEB 1 7 2016	1
Investigator: AG	NIESZKA HOBSON	Site Classificatio		O CONNECTIONO	
Conducted: 11/17/	/2015 11/17/2015	No Industry Coo	le Assigned	PDit	i i
Program(s): PU	BLIC WATER SYSTEM/SUP	PLY			1
Investigation Type: Additional ID(s):	Compliance Investigation 1330169	Location:			1
Address: ,		Local Unit: REGION 13 -	SAN ANTO	NIO	
3 3		Activity Type(s): PW	SCCIGWCM	- CCI GW PURCHASE MANDATORY	·
Principal(s): Role RESPONDENT	Name WIEDENFELD W	ATER WORKS INCORPORA	TED		ł
Contact(s):					1
Contaction	•			•	ł
Role	Title	Name	Phone		1
NOTIFIED	PRESIDENT/OPERATO R	MR R. C WIEDENFELD			ŧ
REGULATED ENTITY MAIL CONTACT	PRESIDENT/OPERATO R	MR R. C WIEDENFELD	Fax Work	(830) 634-2939 (830) 634-2321	1 1
REGULATED ENTITY CONTACT	PRESIDENT/OPERATO R	MR R. C WIÉDENFELD			t
PARTICIPATED IN	OPERATOR	MR GREG GRINNAN	Work	(830) 214-5481 🥠	*
Other Staff Membe Role QA Reviewer Supervisor	ER(s): Name STACY ANDERS JOY THURSTON		FEB 1	EQ 9 2016 eived	e es annes de s

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VISTA HILLS

11/17/2015 Inv. # - 1293891

Page 2 of 4

Associated Check List

<u>Checklist Name</u> PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 PWS STANDARD FIELD <u>Unit Name</u> 1330169 Equipment

1330169 Investigation

Investigation Comments:

INTRODUCTION

11/06/2015 - An appointment was made with Mr. R.C. "Charles" Wiedenfeld, President, to conduct an investigation of the Vista Hills Public Water System (PWS) on 11/17/2015 at 9:30 am.

11/17/2015 - The investigation was conducted with Mr. Greg Grinnan, Operator and consisted of a review of all pertinent records and inspection of the water production and treatment facilities and pressure and free chlorine residual checks in the distribution system. A verbal exit interview was conducted with Mr. Grinnan. During the verbal exit interview, it was explained that the results of the investigation were preliminary; if other issues were discovered, Mr. Grinnan and Mr. Wiedenfeld would be notified.

01/08/2016 - A copy of the Texas Commission on Environmental Quality (TCEQ) Exit Interview Form was sent to Mr. Wiedenfeld. Based on the findings of this investigation, a Notice of Violation (NOV) letter will be issued to facilitate compliance.

GENERAL FACILITY AND PROCESS INFORMATION:

The PWS is classified as a community public water supply system serving 13 connections with an estimated population of approximately 39 people. The water system consists of:

EP#001: One well, with a submersible pump, discharges to two ground storage tanks. Two service pumps take suction from the ground storage tanks and discharge to distribution thru one pressure tank. An iron sequestering agent and hypochlorination are provided prior to ground storage.

BACKGROUND

The last CCI was conducted at the facility on October 23, 2013. One violation was noted during the investigation.

Enforcement Actions: N/A

Agreed Orders and Compliance Agreements: N/A

Complaints and other Compliance Issues: N/A

ADDITIONAL INFORMATION

Please see the attached T-NET documentation for system specifics. Attached for review are Water System, Storage Tank, Water Sources, Service Pumps, System Capacities, and Treatment Plants information sheets.

OUTSTANDING ALLEGED VIOLATION(S)

NOV Date 01/15/2016 Method WRITTEN

Tráck Number: 592908

Compliance Due Date: 02/15/2016

Violation Start Date: Unknown

30 TAC Chapter 290.42(l)

Alleged Violation:

Investigation: 1293891

Comment Date: 01/11/2016

VISTA HILLS

11/17/2015 Inv. # - 1293891

Page 3 of 4

Investigation: 1293891

Comment Date: 01/11/2016

Failure to provide a plant operations manual.

At the time of the investigation, the system was not able to provide a plant operations manual for review.

30 TAC 290.42(I) - Plant operations manual. A thorough plant operations manual must be compiled and kept up-to-date for operator review and reference. This manual should be of sufficient detail to provide the operator with routing maintenance and repair procedures, with protocols to be utilized in the event of a natural or man-made catastrophe, as well as provide telephone numbers of water system personnel, system officials, and local/state/federal agencies to be contacted in the event of an emergency.

Recommended Corrective Action: Prepare a plant operations manual in accordance with 30 TAC 290.42(1). To document compliance, submit a copy of the plant operations manual to this office by the compliance due date. ALLEGED VIOLATION(S) NOTED AND RESOLVED

ASSOCIATED TO A NOTICE OF VIOLATION.

Track Number: 592907

Resolution Status Date: 1/11/2016

Violation Start Date: Unknown

Violation End Date: 12/9/2015

30 TAC Chapter 290.46(1)

Alleged Violation:

Signed

Investigation: 1293891

Failure to flush all dead-end mains at monthly intervals.

Comment Date: 01/11/2016

At the time of the investigation, the system was not able to confirm that the dead end mains are being flushed at monthly intervals.

30 TAC 290.46(1)-Flushing of mains. All dead-end mains must be flushed at monthly intervals. Dead-end lines and other mains shall be flushed as needed if water quality complaints are received from water customers or if disinfectant residuals fall below acceptable levels as specified in §290.110 of this title.

Recommended Corrective Action: Flush all dead-end mains at monthly intervals. To document compliance, submit documentation of monthly dead end main flushing to this office by the compliance due date. Resolution: This violation is being resolved as a result of compliance documentation received on 12/09/2015.

Signed

Supervisor

Environmental Investigator

Date <u>1/11/2016</u> Date <u>1/13/2016</u>

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Other (specify) :
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Agnieszka Hobson		;a ,
From:	Agnieszka Hobsón	
Sent:	Friday, January 08, 2016 9:09 AM	
To:		. d
Subject:	Vista Hills and Heritage Park Water Systems Exit Interview Forms	
Attachments:	-1330080 Heritage Park Water System.pdf; 1330169 Vista Hills EIF.pdf	1
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The Exit Interview Form: Potential Violations and/or Records Request is being provided as an attachment to this email to ensure that the Issues noted during the 11/17/2015 investigation were communicated clearly.

1

Final correspondence regarding the investigation will follow in the mail.

Thank you and please contact me with any questions.

Agnieszka Hobson Environmental Investigator TCEQ San Antonio Regional Office 14250 Judson Rd. San Antonio, TX 78233 Office (210) 490-3096 Direct (210) 403-4075 Fax (210) 545-4329 agnieszka.hobson@tceq.texas.gov

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Attachment 1-3

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2015-12-09 09:56 WIEDENFELD WATER WOR

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Attachment 1-3 P 1/6 Page I of 2

wwwinc@hctc.net

From: Date: Ta: "Agnieszka Hobson" «agnieszka hobson@itccq.iexas.gov-Tucsday, December 08, 2015 1:15 PM

Subject: FW: Emailing: heritage & vista flush records.pdf

Was the information faxed? I have not received it. Thank you. .

Agnieszka Hobson Environmental Investigator TCEQ San Antonio Regional Office 14250 Judson Rd. San Antonio, TX 78233 -Office (210) 490-3096 Direct (210) 403-4075 Fax (210) 545-4329 agnieszka.hobson@iceq.texas.gov

From: Agnieszka Hobson Sent: Thursday, December 03, 2015 11:45 AM To: To: Thursday, December 03, 2015 11:45 AM

Subject: RE: Emailing: heritage & vista flush records.pdf

Good morning,

Can you please fax this information to me. I will take it as compliance documentation and note and resolve the violation as I am completing the report. Compliance documentation must be faxed, malled or delivered. We are " not allowed to accept emails anymore.

c

Thank you.

From

Agnleszka Hobson Environmental Investigator TCEQ San Antonio Regional Office 14250 Judson Rd. San Antonio, TX 78733 Office (210) 490-3096 Direct (210) 403-4075 Fax (210) 545-4329 agnieszka.hobson@tceq.texas.rov

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Attachment 1-3 P 2/6 rage 2 01 2

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Sent: Thursday, December 03, 2015 11:30 AM To: Agnieszka Hobson <agnieszka.hobson@tccq.texas.gov> Subject: Emailing: heritage & vista flush records.pdf

AH: We won't be able to produce flushing records for the above recently inspected systems. So, in order to help us remember to record our flushings, we've added reminders to the monthly operations chart that is left in the pumphouse during the month. This info will also be included in the operations manual being updated now. I'll forward that as completed, thanks charlie. Your message is ready to be sent with the following file or link attachments: heritage & vista flush records.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

12/9/2015

2015-12-09 09:56 WIEDENFELD WATER WOR

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Attachment 1-3 P 3/6 1.

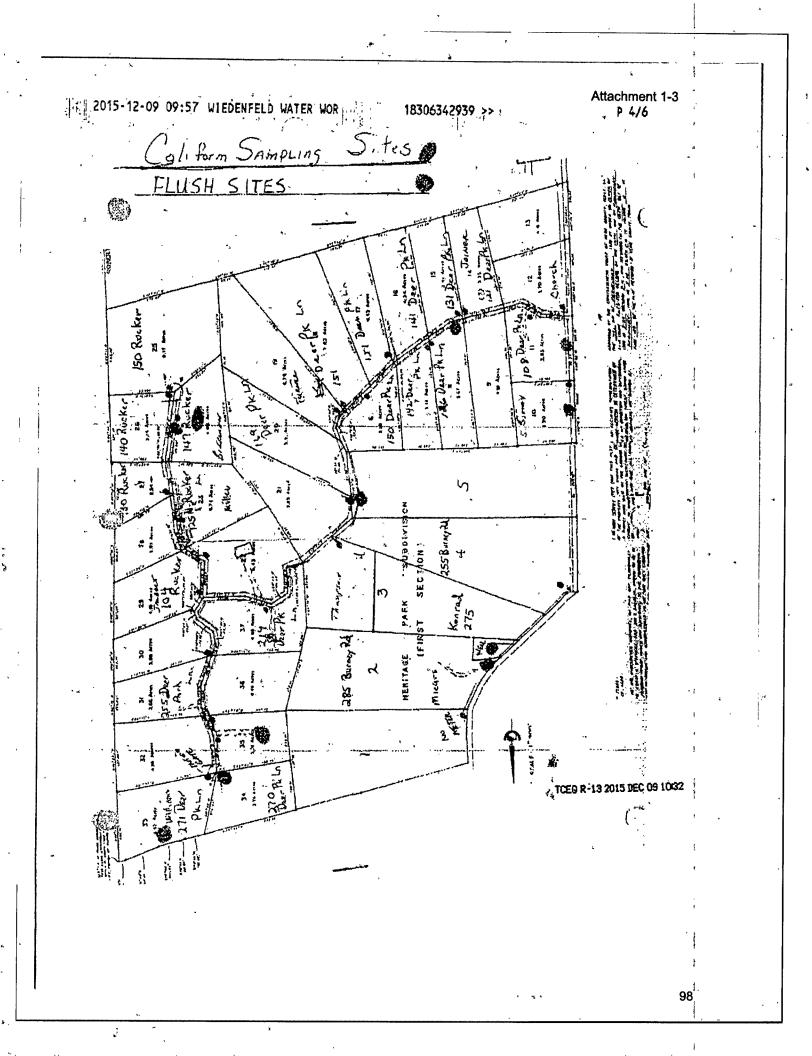
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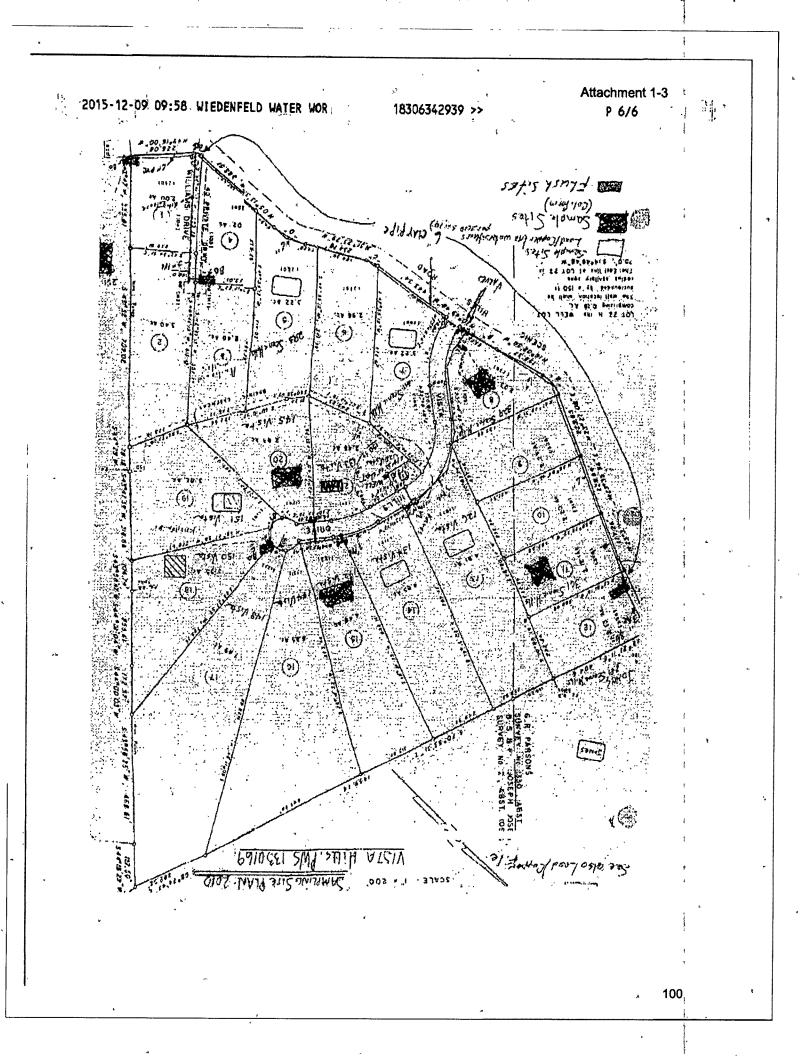
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Agnieszka Hobson

From: Sent: To: Subject: Attachments;

Thursday, December 03, 2015 11:30 AM Agnieszka Hobson Emailing: heritage & vista flush records.pdf heritage & vista flush records.pdf

AH: We won't be able to produce flushing records for the above recently inspected systems. So, in order to help us remember to record our flushings, we've added reminders to the monthly operations chart that is left in the pumphouse during the month. This info will also be included in the operations manual being updated is now. I'll forward that as completed, thanks charlie

Your message is ready to be sent with the following file or link attachments: heritage & vista flush records.pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

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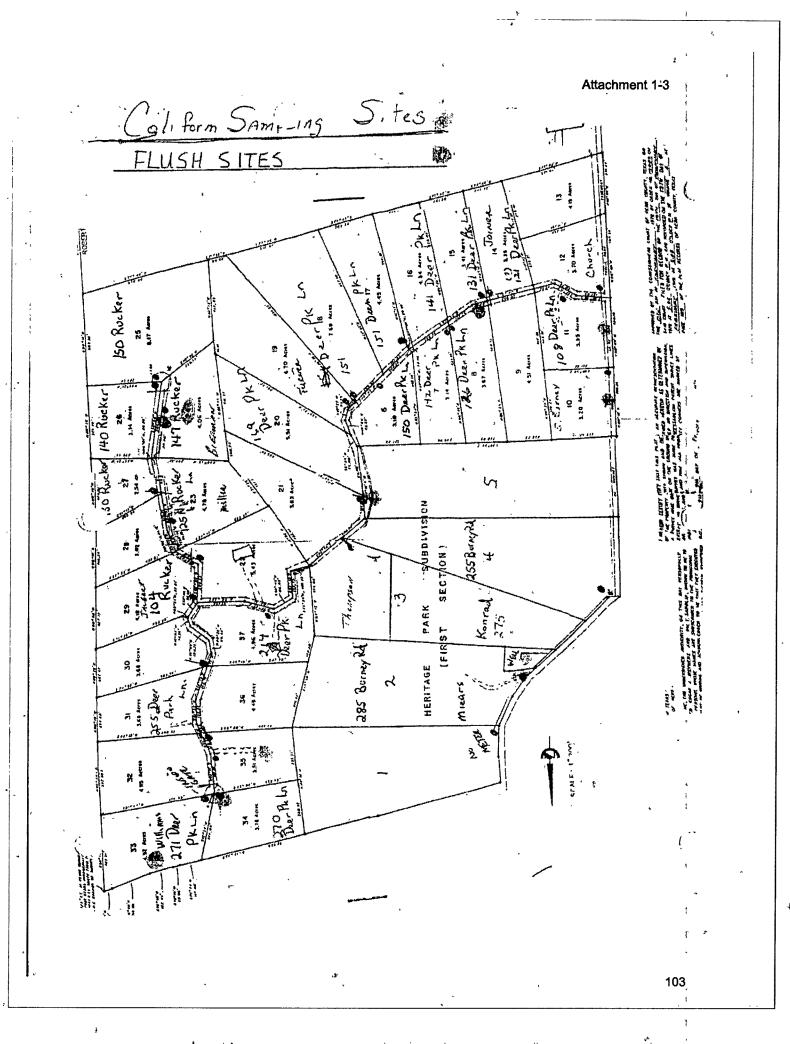
MONTHLY OPERATIONS REPORT

TCE0 R-13 2015 DEC 03 11:47

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Flush Site 5) Lot 24 - 147 Rucker Ln

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Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 26, 2016

Mr. Gary Rose, Operations Manager Southwest Water Company 1620 Grand Avenue Parkway, Ste., 140 Pflugerville, Texas 78660

 Re: Comprehensive Compliance Investigation at: Westwood Park Subdivision, .5 mile W of Comfort off Hwy 27, Kerr County, Texas
 Regulated Entity No.: RN101285476
 TCEQ ID No.: 1330015, Investigation No.: 1323105

Dear Mr. Rose: .

On March 24, 2016, Mrs. Stacy Anderson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the abovereferenced facility to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mrs. Anderson in the San Antonio Region Office at (210) 403-4078.

Sincerely,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/sa/eg

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Bryan W. Shaw, Ph.D.; P.E., Chairman Toby Baker, Commissioner Jon Niermann, Commissioner Richard A. Hyde, P.E., Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 26, 2016

Mr.^{*} Gary Rose, Operations Manager Southwest Water Company 1620 Grand Avenue Parkway, Ste., 140 Pflugerville, Texas 78660

Re: Comprehensive Compliance Investigation at: Windwood Oaks Water System, 1.5 miles W of SH 173 on Hwy 2271, Kerr County, Texas Regulated Entity No.: RN102681996 TCEQ ID No.: 1330141, Investigation No.: 1323104

Dear Mr. Rose:

On March 24, 2016, Mrs. Stacy Anderson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the abovereferenced facility to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mrs. Anderson in the San Antonio Region Office at (210) 403-4078.

Sincerely,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/sa/eg

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 1, 2016

Mr. Gary Rose, Operations Manager Southwest Water Company 1620 Grand Avenue Parkway, Ste., 140 Pflugerville, Texas 78660-2185

Re: Compliance Evaluation Investigation at: Woodhaven Mobile Home Park, Kerr County, Texas Regulated Entity No.: RN101266070

TCEQ ID No.: 1330024, Investigation No.: 1323106

Dear Mr. Rose:

On March 24, 2016, Mrs. Stacy Anderson of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for public water supply. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mrs. Anderson in the San Antonio Region Office at (210) 403-4078.

Sincercly,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/sa/eg

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 10, 2016

Mr. Raymond C. Wiedenfeld, President Wiedenfeld Water Works, Inc. P. O. Box 418 Center Point, Texas 78010-0418

Re: Notice of Compliance for Compliance Evaluation Investigation at: Platten Creek Water System, Kendall County, Texas Regulated Entity No.: RN101206829, TCEQ ID No.: 1300035 Investigation; 1335348

Dear Mr. Wiedenfeld:

On April 25-26, 2016, Mr. Colby Maron of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted a comprehensive compliance investigation of the above-referenced operation to evaluate compliance with applicable requirements for a public water supply. No violations are being alleged as a result of the investigation. However, please note the Additional Issue listed in the attached Summary of Investigation Findings.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mr. Maron in the San Antonio Region Office at 210/403-4024.

Sincerely,

Joy Thurston-Cook Water Section Team Leader San Antonio Region Office

JTC/CM/eg

cc: Mr. Tim Williford, South West Water Company

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