Texas Commission on Environmental Quality

PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 Checklist

Unit Name: Equipment Monitoring

Investigation #:1120476 Facility Name: EMERALD FOREST County: ELLIS
TCEQ Investigator: IMRAN KHAWAJA

Item		1		
No.	Description	Answer	Comments	Due Date
	EQUIPMENT MONITORING SECTION			Date
1	Was an Anemometer used during this investigation?	NO		
2	Was the Area RAE Multi-Gas Monitor used during this investigation?	NO		
3	Was the Civil Defense V-700 Radiation Survey Instrument used during this investigation?	NO		
4	Was the DataRAM(TM) Real-Time Aerosol Monitor used during this investigation?	NO		
5	Was the Dissolved Oxygen Meter used during this investigation?	NO		
6	Was the Drager Gas Detector Pump/Tube System used during this investigation?	NO		
7	Was the El Paso Method for Measurement of Air-Sirippable VOCs in Water used during this investigation?	NO		
8	Was the Garmin GPSMap 60CS GPS Receiver used during this investigation?	NO		
9	Was the Garmin RINO 130 GPS Receiver used during this investigation?	NO		
10	Was the GAS FindIR used during this investigation?	NO		
11	Was the Hach Model 2100P Portable Turbidimeter used during this investigation?	NO		
12	Was the Hach Pocket Colorimeter used during this investigation?	YES		
13	Was the Hach Pocket Turbidimeter used during this investigation?	NO		
4	Was the Haz-Dust 5000 Environmental Particulate Air Monitor (EPAM) used during this investigation?	NO		
5	Was the Hydrolab DataSonde® 4 and Hydrolab MiniSonde® Water Quality Multiprobes used during this investigation?	NO		
6	Was the IDEXX Collect® and IDEXX Enterolect® Methods used during this investigation?	NO		
7	Was the Jerome 631-X Hydrogen Sulfide (H2S) Analyzer used during this investigation?	NO		
8	Was the LANDTEC GEM 2000(TM) Landfill Gas analyzer used during this investigation?	NO		
9	Was the Ludium Model 14C Geiger Mueller (GM) counter used during this investigation?	NO		
0	10/or the deadless of the second	NO		
i	Was the Marsh-McBirney Flo-Mate 2000 Electromagnetic Flow Meter used during this investigation?	NO		,
2	Man the Mello Are page 1	NO		-
3	Mar In March 1997	NO		
	Was the MSA Passport® PID II Organic Vapor Monitor used during this investigation?	NO		
	10/ the Market	40		
	Man the Advisor Advisor Advisor	NO .		

27	Lake the hije-service and		Ü	
	Was the Niton® XLt 700 Series X-Ray Fluorescence (XRF) Environmental Analyzer used during this investigation?	NO		
28	Was the ORS Interface Probe(TM) used during this investigation?	NO	· ·	·
29	Was the pH Meter used during this investigation?	NO		
30	Was the Portable Organic Vapor Monitor (OVM) Photolonization Detector used during this	NO		
31	Investigation? Was the Pressure Gauge used during this investigation?	YES		
32	Was the Pressure Recorder used during this investigation?	NO		
33	Was the QRAE Multi-gas Monitor used during this investigation?	NO		
34	Was the Sample Collection of VOCs in Ambient Air Using Passivated, Standers Steel Cantilogs Used	NO		
35	during this investigation? Was the Sampling of Microscopic Characterization used during this investigation?	NO		
36	Was the Self Contained Breathing Apparatus (SCBA) used during this investigation?	NO		······································
37	Was the Smith-Root Boat Mounted and Backpack Electrofishers used during this investigation?	NO		
38	Was the Sontek Flowtracker used during this investigation?	NO		
39	Was the TESTO 350 Portable Flue Gas Analyzer used during this Investigation?	NO		
40	Was the Toxic Vapor Analyzer (TVA) 10008 Flame lonization Detector (FID) used during this	NO		
41	investigation? Was the TraveliR Portable FT-IR infrared Apatrals	NO		
42	System used during this investigation? Was the VRAE Multi Gas Monitor used during this	NO		····
43	investigation? Was the Water Level Indicator used during this	NO		
44	was the Weatherpak 2000 used during this	NO		
45	investigation? Was any other equipment used during this			
	Investigation that is not listed above? If YES, list the equipment in the Comment section. SAMPLING SECTION	NÓ		
1		NO		······································
2		О		
3	Leachale/Contaminated Water?	NO		
4	Was there sampling conducted for PWS Chemical?	NO		
5	}	NO		****
8	Uischarge?	VO		
7		VO		
	Was there any other type of sampling conducted during this investigation? If YES, include it in the Comment section.	NO		

OO1 SAMPLE TAP / PIONEER & FM 3467		(Entry Point)									
OO1 SAMPLE TAP / PLANT - PIONEER & FM 3467		Summation (Activity	Plant Name (Activity Status)	11.	Chemical Mon Type	Sample		Sample			
1446(A)	001	SAMPLE TAP / WOODBINE(A)	PLANT - PIONEER & FM			No		Point No			

Train:	(Unnamed)

			(Treatme	enis)
Disinfection	Treatment	1		
Zone	Sequence	Objective	Process	Treatment
		-		· · · · · · · · · · · · · · · · · · ·
	1	U	403	GASEOUS CHLORINATION(PRE)
				TOTAL TOTAL CONTROL

		(Active Source	es)			
Source Name (Activity Status) G0700058C NEW 1(A) Drill Date Well Data		Operational	Source	Depth	Tested GPM	Raled GPM
		0	G			11
						42
3/8/2002					-35	
GPS Latitude GPS Longitude (decimal)		GPS Date	GPS Cert. No.		Seller	
0	0					
	NEW 1(A) GPS Longitude (decimal)	NEW 1(A) Well Data GPS Longitude (decimal) GPS Elevation 0 0	Source Name (Activity Status) NEW 1(A) Well Data GPS Longitude (decimal) GPS Elevation GPS Date	NEW 1(A) NEW 1(A) NEW 1(A) Status Type O G Well Data GPS Longitude (decimal) GPS Elevation GPS Date GPS Cert. No.	Source Name (Activity Status) NEW 1(A) O G Well Data GPS Longitude (decimal) GPS Elevation O O GPS Date GPS Cert. No. GPS Cert. No.	Source Name (Activity Status) Operational Status Type Depth Tested GPM NEW 1(A) O G 820 Well Data GPS Longitude (decimal) GPS Elevation O GPS Date GPS Cert. No. Seller

The second section of the sect			
	(Inactive/Offline Sources)		
SourceNumber	Name		
G0700058A		Status	Depth
	- 5 (4) 44 OF 135 / FW1446	A	763

Sources not Associated with a Plant or Entry Point										
Source Number Name Activity Status Operational Status Source T.										
G0700058B	OLD WELL PS			Source Type						
G0700058D	2	Α	^	G						

Code Explanations

Monitoring Type Codes: (GW) GROUNDWATER, (GWP) GROUNDWATER - PURCHASED, (GUP)
GROUNDWATER UNDER THE INFLUENCE - PURCHASED, (SWP) SURFACE WATER - PURCHASED, (GU)
GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER, (N) NO SOURCES, (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE, (C) CCN CANCELLED, (D) DELETED/DISSOLVED, (G) SB 361, (I)
INACTIVE, (M) MERGED/ANNEXED, (N) NON-PUBLIC, (P) PROPOSED, (U) UNKNOWN-NO ACTIVITY OR
NON-RESPONSIVE, (W) UTILITY WATER SYS XFER

Operational Status Codes: (C) CAPPED, (D) DEMAND, (E) EMERGENCY, (F) FORMER PWS SOURCE, (I)
INACTIVE PWS SYSTEM, (N) NON-DRINKING WATER, (O) OPERATING, (P) PLUGGED, (T) TEST, (Y) PWS
NOT ACTIVE AND NOT EXPECTED TO BE SO

Source Types: (G) GROUND WATER, (S) SURFACE WATER, (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

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

09/05/2013

Texas Commission on Environmental Quality

SR

4:21:34PM			Water S	System Dat	a Sheet	ilai.	wuant	X.		WSDS
PWS ID PWS Na	ıme							- Tr		
0700058 EMERA	LD FOR	ST				******				gistry RN
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Organization/Custom	ner *						33999 A.	76	Control IZ-	
WALTER J CARR	OLL WA	TER COMPA	YY INC	and the second second second second second					2N60066	egistry CN
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WALTER J CARR	OLL			The state of the s	PRESI	DEN		and the second of the second o		
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			Lioung	o izoninel						
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Street Address				-		\sim	All			
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* Regulatory mail will	be addres	sed to this pers	on							
No PWS Primary C	`ontact a	nnianad ta th	:- DVV			···				
Rick R	eele:	ssigned to th	IS PVVS							
mergency Contact N			61							
RICK L REEDER	101116	Emergency			Em	erge	ncy Err	nail		
		214/80	28-1	0214						
icense Type										
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NVESTOR	PRIVATE	. SUBMETER		CATION S	ESTOR	, MU	NICIP	ALITY, N.		
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			OF THE PERSON NAMED IN COLUMN 1						***************************************	
ystem Type System	n Type Op	lions: SB 361, (COMMU	NITY, CON	MUNIT	Y (NC	N-GO	VERNME	NT OWNE	ny l
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			or or or other transfer of the same	1.6			A	5 U	<u> </u>	4
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										14

Total Product (MGD)	Average Daily Consump.	Total Storage (MG)	Elev. Storage (MG)	Boos Pum (MG	p Cap.	Aux.Prod.o Max.Pur.C	Cap. Sap.(MGD)		Pressure Tank Cap.(MG)
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0.050	0.01	22_				A CONTRACTOR OF THE PARTY OF TH			
1	Activity Status						Reason		
ACTIVE								***************************************	
Operator G	Operator Grade							Nun	her
WATER GRADE C GROUND									
·									
Last Surve	/ Date S	urveyor		s	urvey Type	Code	Region	County	Def.Score
06/13/201		BRITTANY PETTITT			URVEY		4	ELLIS	-A /1
06/20/200	7 [1	IRAN KHA	ALAW	s	URVEY		4	ELLIS	2
09/16/200	4 IN	IRAN KHA	ALAW	S	URVEY		4	ELLIS	8

09/25/2013 IMRAN KHAWAJN-



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CERTIFICATION AND EMPLOYMENT REPORT TCEQ REGION 04

	· · · · · · · · · · · · · · · · · · ·		
ID#•	0700058	01/0	
12017.	0/00038	SYSTEM INFO:	Emerald Forest
			Linerald Polest

Last Name	First Name	License Number	License Type	Exp. Date
Reeder	Rick	WG0008722	C-Groundwater	06/28/2016

Bryan W. Shaw, Ph.D., Chairman Carlos Rubinstein, Commissioner Toby Baker, Commissioner Zak Covar, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 30, 2013

E-SIGNATURE CONFIRMATION #91 3408 2133 3931 8616 0913

Mr. Walter Carroll, Owner Walter J. Carroll Water Company, Inc. 513 Winding Creek Trail Red Oak, Texas 75154

COPY

Re: Notice of Violation for the Compliance Evaluation Investigation at: Spanish Grant Subdivision, Alto Road & FM 1446, Waxahachie, Ellis County, Texas RN102681970, TCEQID.: 0700064, Investigation No.: 1120484

Dear Mr. Carroll:

On September 19 & 25, 2013, Imran Khawaja of the Texas Commission on Environmental Quality (TCEQ) D/FW 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 certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by January 30, 2014 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.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 D/FW Region Office at (817)-588-5806 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 violation as required in order to protect the State's environment.

Mr. Walter Carroll, Owner Page 2 October 30, 2013

If you have additional information that we are unaware of, you have the opportunity to contest the violation documented in this notice. Should you choose to do so, you must notify D/FW Region Office within 10 days from the date of this letter. At that time, Mr. Charles Marshall, Team Leader 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 attached 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 Mr. Imran Khawaja in the D/FW Region Office at (817) 588-5806.

Sincerely,

Charles Marshall

Team Leader, Public Water Supply Section

D/FW Region Office

CLM/ik

Enclosure: Summary of Investigation Findings

Sum...ary of Investigation Findings

SPANISH GRANT SUBDIVISION

Investigation#

Investigation Date: 09/19/2013

, ELLIS COUNTY,

Additional ID(s): 0700064

JOUTSTANDING ALLEGED VIOLATION(S) ASSOCIATED TO A NOTICE OF VIOLATION

Track No: 516502

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(2)(C)(i)

Alleged Violation:

Investigation: 1120484

Comment Date: 10/09/2013

Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter.

30 TAC 290.46(s)(2)(C)(i) states that chemical disinfectant residual analyzers shall be properly calibrated and accuracy of manual disinfectant residual analyzers shall be verified at least once every 90 days using chlorine solutions of known concentrations.

Recommended Corrective Action: Submit a copy of the accuracy check records to the regional office that verifies that the accuracy of the manual disinfectant residual analyzers is occurring at least every 90 days and that a record is being maintained of these results.

Track No: 516504

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(1)

Alleged Violation:

Investigation: 1120484

Comment Date: 10/09/2013

Failure to calibrate well meters, on Well #1 (G0700064A) and Well#2 (G0700064B) as required by 30 TAC 290.41(c)(3)(N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating their raw water meters for both wells.

Recommended Corrective Action: Submit calibration certificates for Well#1 (G0700064A) and Well#2 (G0700064B) raw water meters.

PWS/070006 O/09-25-13/CCI/NOV

Texas Commission on Environmental Quality **Investigation Report**

Walter J. Carroll Water Company, Inc. CN600666507

SPANISH GRANT SUBDIVISION

RN102681970

investigation #1120484

Incident#

investigator:

IMRAN KHAWAJA

Site Classification

GW 51-250 CONNECTION

Conducted:

09/19/2013 -- 09/25/2013

SIC Code: 4941

Program(s):

PUBLIC WATER

SYSTEM/SUPPLY

Investigation Type: Compliance Investigation

Location: 11.4 MI W OF 135 ON FM

1446

Additional ID(s): 0700064

Address: ; ,

Activity Type: REGION 04 - DFW METROPLEX

PWSCCIGWCM - CCI GW PURCHASE -

COMMUNITY MANDATORY

Principal(s):

Role

Name

RESPONDENT

WALTER J CARROLL WATER COMPANY INC

Contact(s): Role

Notified

Participated in Investigation

Title OWNER/OPERATOR

Name MR WALTER J

Phone

CARROLL MR WALTER J Work

Work

Work

(972) 617-0817

Participated in Investigation

OWNER/OPERATOR FACILITY

CARROLL MR RICK REEDER

Cell (214) 808-0274 Work

OPERATOR OWNER/OPERATOR

MR WALTER J

(972) 617-0817 (972) 617-0817

Regulated Entity Mall Contact

Regulated Entity Contact

OWNER/OPERATOR

CARROLL MR WALTER J CARROLL

(972) 817-0817

Other Staff Member(s):

Role

Name

QA Reviewer Supervisor

CHARLES MARSHALL CHARLES MARSHALL

Associated Check List

Checklist Name

PWS EMERGENCY POWER INITIATIVE

PWS INVESTIGATION - EQUIPMENT MONITORING

AND SAMPLING revised 06/2013

PWS STANDARD FIELD

Unit Name

Emergency Power **Equipment Monitoring**

Spanish Grant

Investigation Comments:

INTRODUCTION

Mr. Walter Carroll, Owner of Carroll Water Company, received prior notification of the investigation by Imran Khawaja on September 5, 2013. A list of required records was faxed to Mr. Carroll which outlined records to be provided during the investigations of four systems scheduled for September 19, 2013. The document reviews for all four systems (owned by Mr. Carroll) were conducted on September 19, 2013 with Mr. Carroll. The inspections of all four system's facilities including Spanish Grant Subdivision (PWS ID#0700064) were conducted on September 25, 2013 with Mr. Rick Reeder, Operator.

The exit interview explaining the result of the investigations for all four systems, were conducted with Mr. Reeder on September 25, 2013. Two alleged violations were cited at the time of the current investigation and a Notice of Violation letter was sent to the system.

GENERAL FACILITY AND PROCESS INFORMATION

*Specific facility information, such as tank volumes, pump capacities, etc. can be found in the PUBLIC WATER SYSTEM DATA SHEET attached to the end of this compliance investigation report.

Spanish Grant Subdivision water system serves 134 connections through 134 meters with an approximate population of 402 people, based on three persons per connection, and secures water from two wells (Well #1-G0700064A and Well #2-G0700064B) which produced 40 GPM and 78 GPM, respectively, on the day of the investigation.

The water from the wells is injected with gaseous chlorine prior to entering a 20,000-gallon and 10,000-gallon ground storage tank. The water is then delivered to 134 connections via 2 service pumps (one rated 15 HP / 300 GPM and one rated 10 HP / 200 GPM) and pressure is maintained by a 3,000-gallon pressure tank.

EXCEPTION / ALTERNATIVE CAPACITY REQUIREMENT

An exception regarding the sanitary control easements for Well No.1(G0700064A) was granted by TCEQ Public Drinking Water Section. In lieu of sanitary control easement, a raw water sample from Well No.1 should be submitted each month for bacteriological analyses.

BACKGROUND

The last compliance investigation at Spanish Grant Subdivision was conducted on June 13, 2011. No violations were documented during the investigation, however one additional issue with reference to pressure tank capacity was documented.

RECORD REVIEW

The following records were reviewed during the investigation:

- Bacteriological sampling results
- Quarterly disinfection reports
- Monthly Operating Reports
- Monitoring Plans
- Tank Inspection Reports
- Plumbing Ordinances or Service Agreements
- Customer Service Inspections
- Drought Contingency Plans
- Plant Operations Manual
- Complaint Records
- Consumer Confidence Reports
- Meter Calibration Records

RESOLVED VIOLATION COMMENTS None

Page 3 of 4

ADDITIONAL ISSUES

None

ADDITIONAL COMMENTS

The system has reached 89.33% of its total pressure tank capacity.

A Capacity of 20 gallons per connection pressure tank capacity (Required = $134 \times 20 = 2680$ gallons compared to total pressure tank of 3000 gallons provided) or 89.33%. The system has submitted planning report in the past.

OUTSTANDING ALLEGED VIOLATIONS

Tracking # 516502

§290.46(s)(2)(C)(i) - Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter.

Tracking # 516504

\$290.46(s)(1) -Failure to calibrate raw water meters for Well#1 (G0700064A) and Well#2 (G0700064B).

Fallure to calibrate well meters, on Well #1 (G0700064A) and Well#2 (G0700064B) as required by 30 TAC 290.41(c)(3)(N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating their raw water meters for both wells.

NOV Date Method		SECULAR DE LA COMPANION DE LA
09/30/2013 WRITTE	Ň	State of the second
	OUTSTANDING ALLEGED VIOLA	
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HAMINARIA LA PARTICIO	SSOCIATED TO A NOTICE OF VI	OLATION

Track No: 516502

Compliance Due Date: 01/30/2014 Violation Start Date: Unknown

30 TAC Chapter 290.46(s)(2)(C)(i)

Alleged Violation: Investigation: 1120484

Comment Date: 10/09/2013

Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter.

30 TAC 290.46(s)(2)(C)(i) states that chemical disinfectant residual analyzers shall be properly calibrated and accuracy of manual disinfectant residual analyzers shall be verified at least once every 90 days using chlorine solutions of known concentrations.

Recommended Corrective Action: Submit a copy of the accuracy check records to the regional office that verifies that the accuracy of the manual disinfectant residual analyzers is occurring at least every 90 days and that a record is being maintained of these results.

Track No: 516504

Compliance Due Date: 01/30/2014

Violation Start Date: Unknown

30 TAC Chapter 290.46(s)(1)

Alleged Violation:

SPANISH GRANT SUBDIVISION - 9/19/2013 to 9/25/2013 Inv. # - 1120484

Pag	e	4	of	4

Investigation: 1120484	Comment Date: 10/09/2013	
Failure to calibrate well meters, on Well #1 (G0700062 required by 30 TAC 290.41(c)(3)(N) at least once ever investigation, the system had gone an unknown time weters for both wells.		
Recommended Corrective Action: Submit calibration certific Well#2 (G0700064B) raw water meters.	cates for Well#1 (G0700064A) and	
1-4-	, ,	
SignedEnvironmental Investigator	Date [8/9]13	
Signed Supervisor	Date 10/18/13	
Attachments: (in order of final report submittal)		
Enforcement Action Request (EAR)	✓Maps, Plans, Sketches	
Letter to Facility (specify type): NOV	Photographs	
Investigation Report	Correspondence from the facility	
Sample Analysis Results	Other (specify):	
Manifests		
NOR		

PUBLIC WATER SYSTEM DATA

Name of System: Spanish Grant Subdivision

CCN Number: 11543

PWS ID: 700064 Classification: Not Applicable Type: Community

Region Number:

Interconnect with Other No Name of PWS I/C:

PWS:

Type I/C:

Retail Service Connections:

Retail Meters: 134

Retail Population: 402

Wholesale Master Wholesale Service 0

Meters: Connections:

Wholesale Population:

Total Well Capacity: 118 GPM 0.170 MGD

Raw Capacity: **GPM** MGD

Total Elevated Storage: 0 MG Total Storage Capacity: 0.0300 MG

Pressure Tank 0.003

Capacity:

Maximum Daily unknown MGD Date: Usage: 09/09/9999

Average Daily

Time 0.0365 MGD 09/01/2012to 08/31/2013 Usage: Period:

Wholesale Contract: No Maximum Purchase Rate:

No. of Samples Required: 1 No. of Samples Submitted: 1

No. of Raw Samples No. of Raw Samples Required: 1 1 Submitted:

Non-Comm Dates of

09/09/9999 to 09/09/9999 Operation:

WATER STORAGE TANKS

TIY/oce	े Gapacity ू	Marene	li il perilon,
טח	0.003 MG	ST	Pump Station #1 (Alto Rd. @ FM 1446)
GR	0.02 MG	ST	Pump Station #1 (Alto Rd. @ FM 1446)
GR	0.01 MG	ST	Pump Station #1 (Alto Rd. @ FM 1446)

WATER SOURCES

IEP No	Some Omers Code Des	Location S(a)	ISPUMPTVIE ISC. F	ari iangarebini.
1	G0700064A Well#1	FM 1446 O	submersible 40	09/25/2013
1	G0700064B Well#2	FM 1446 O	submersible 78	09/25/2013

SERVICE PUMPS

विवासमूह दिवा	ilies, Output	[rocation]
1	10 HP / 200 GPM	Pump Station #1 (Alto Rd. @ FM 1446)
2	15 HP / 300 GPM	Pump Station #1 (Alto Rd. @ FM 1446)

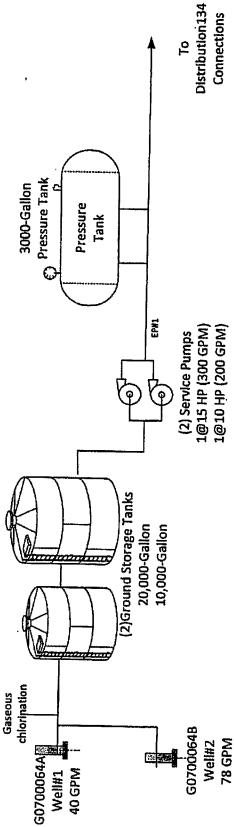
SYSTEM CAPACITIES

Pressure Plane Number: 1 Name: Pressure Plane#1

System Capacilles - "	al sur sur		- ास्ट्रवृधातः	a	Riomided
Well Production	0.6	GPM Conn X	134 Conn = 80.4	GPM	
Elevated Pressure Storage	20	Gai/Conn X 1	134 Conn = 0.00268		0.003
Ground/Total Storage	200	Gal/Conn X 1	134 Conn = 0.0268	MG	0.03
Service Pump Capacity	2.0	GPM/Conn X 1	134 Conn = 268	GPM	
Service Pump Peaking Factor		MDD/1440 X	w.	GPM	
Tested PSI: 48 Teste	d CL2:	0.95 Free Lo	ocation: 2408 Alto Road		

TEXAS.COMMISSION ON ENMRONMENTAL QUALITY PUBLIC WATER SYSTEM DIAGRAM 2013 TOEQ REGION 04

Spanish Grant Subdivision
TCEQ ID # 0700064
Survey Conducted on 09/19 & 25/2013
Investigator: Imran Khawaja





T	TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Requested	otential Violations a	nd/or Records Reg	uested
Regulated Entity/Site Name	Spanish Grand Suboleysin	131.2	TCEQ Add. ID No.	0700064.
			(remaind a) source	-
Investigation Type	Contact Made In-House (Y/N) V Purpose of Investigation	Purpose of Investigation		Company of March Contract
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Regulated Entity Contact	NICH Needer	Telephone No.	n Deck Son Sland	Out SAGATO Instantantantantal
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NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named-above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated outly representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Issue	For Records Request: iden	For Records Request: identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues: include the rule in question with the clearly described natential problem. Other time of issues.	
No. Type!	'	Description of Issue	
の一条	340.46 (S)CI)	Fortume to Calibrate Well meters (GOTO2064A, GOTO2064B) govern livering	<u>ب</u> پر آ
13) / A.A.	290.46(5)(2)(()	Failure to very accural of the man- Vanalyzor at lovol and and	
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Issue Type Can Be	Ohe or More of: AV (Alleged Vio	Issue Type Can Be Ohe or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)	-]
Did the TCEO do	Did the TCEO document the remilated anti-		
	carrent the regulated entiry nan	ed above operating without proper authorization?	
Did the investigat	or advise the regulated entity re	Did the investigator advise the regulated entity representative that continued operation is not authorized?	Τ
			7

Document Acknoyvledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity; therefore, signature not required. 21-11

18.25	Name (Signed & Printed) Date	cd. To review such information call \$12,330,3392	7077-177 716 1100 1100 1100 1100 1100 1100 11
110 Ming Park	ate Regulated Entity Representative Name (Signed & Printed)	al Office. wms. They may also have any errors in their information correc	
	Investigator tyame (Signed & Printed)	If you have questions about any information of this form, please contact your local TCEQ Regional Office. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information was 12,230,300	

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(Note: Use additional pages as necessary) Page____

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White Copy: Regulated Entity Representative Yellow Copy: TCEQ TCEQ-20065 (Rev. 807)

Texas Jommission on Environmenta, Quality

PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 Checklist

Unit Name: Equipment Monitoring

Investigation #:1120484

Facility Name: SPANISH GRANT SUBDIVISION

County: ELLIS TCEQ Investigator: IMRAN KHAWAJA

item No.	Description	Answer	Comments	Di
ı	EQUIPMENT MONITORING SECTION			Da
	Was an Anemometer used during this investigation?	NO		
<u>{</u>	Was the Area RAE Multi-Gas Monitor used during the investigation?	s NO		
	Was the Civit Defense V-700 Radiation Survey Instrument used during this investigation?	NO		
	Was the DataRAM(TM) Real-Time Aerosol Monitor used during this investigation?	NO		
	Was the Dissolved Oxygen Meter used during this investigation?	NO		
	Was the Drager Gas Detector Pump/Tube System used during this investigation?	NO		
	Was the El Paso Method for Measurement of Air-Strippable VOCs in Water used during this investigation?	NO		
	Was the Garmin GPSMap 60CS GPS Receiver used during this investigation?	NO		
	Was the Garmin RINO 130 GPS Receiver used during this investigation?	NO		
	Was the GAS FindIR used during this investigation?	NO		
	Was the Hach Model 2100P Portable Turbidimeter used during this investigation?	NO		
	Was the Hach Pocket Colorimeter used during this Investigation?	YES		
	Was the Hach Pocket Turbidimeter used during this investigation?	NO		
	Was the Haz-Dust 5000 Environmental Particulate Air Monitor (EPAM) used during this investigation?	NO		
	Was the Hydrolab DataSonde® 4 and Hydrolab MiniSonde® Water Quality Multiprobes used during this investigation?	NO		
	Was the IDEXX Collert® and IDEXX Enterolert® Methods used during this investigation?	NO		
	Was the Jerome 631-X Hydrogen Sulfide (H2S) Analyzer used during this investigation?	NO		
	Was the LANDTEC GEM 2000(TM) Landfill Gas analyzer used during this investigation?	NO		
	Was the Ludium Model 14C Geiger Mueller (GM) counter used during this investigation?	NO		
- 1	Was the Ludium Model 19 Micro R Meter used during this investigation?	NO		
	Was the Marsh-McBirney Fto-Mate 2000 Electromagnetic Flow Meter used during this investigation?	NO		
Т	Was the MiniDAE 2000 China	NO		
	March and March	NO		
- 1 1	Was the MSA Passport® PID II Organic Vapor Monitor used during this investigation?	NO		
	Was the Multi-parameter Water Quality Monitoring Sonde and Display used during this investigation?	NO		
	Vas the MultiRAE Plus Multi-Gas Monitor used during he investigation?	NO		

27	Was the Nilon XLt 700 Series X-Ray r worescence			
•	INRY) Environmental Analyzer used during this investigation?	NO		-
28	Was the ORS Interface Probe(TM) used during this investigation?	NO		
29	Was the pH Meter used during this investigation?	NO		
30	Was the Portable Organic Vapor Monitor (OVM)	NO		
31	Photolenization Detector used during this investigation?		1	
	Was the Pressure Gauge used during this investigation?	YES		·
2	Was the Pressure Recorder used during this investigation?	NO		
3	Was the CRAE Multi-gas Monitor used during this investigation?	NO		
4	Was the Sample Collection of VOCs in Ambient Air Using Passivated, Stainless Steet Canisters used during this investigation?	NO	·	
5	Was the Sampling of Microscopic Characterization used during this investigation?	NO		
6	Was the Self Contained Breathing Apparatus (SCBA) used during this investigation?	NO		
7	Was the Smith-Root Boat Mounted and Backpack Electrofishers used during this investigation?	NO		
8	Was the Sontek Flowtracker used during this investigation?	NO		
)	Was the TESTO 350 Portable Flue Gas Analyzer used during this investigation?	NO		1
5	Was the Toxic Vapor Analyzer (TVA) 1000B Flame lonization Detector (FID) used during this investigation?	NO		
1	Was the TraveliR Portable PT-IR Infrared Analysis System used during this Investigation?	NO		
2	Was the VRAE Multi Gas Monitor used during this investigation?	NO		:
3	Was the Water Lavel Indicator used during this investigation?	NO		1
\$	Was the Weatherpak 2000 used during this investigation?	NO		
5	Was any other equipment used during this investigation that is not listed above? If YES, list the equipment in the Comment section.	NO		
	SAMPLING SECTION			
	Was there sampling conducted for Effluent?	NO		
	Was there sampling conducted for Groundwater?	NO		1
	Was there sampling conducted for Leachate/Contaminated Water?	NO		····
	Most thought	NO		
	Was there sampling conducted for Sedimen//Soli?	NO		
	Was there sampling conducted for Spills/Unauthorized Discharge?	NO		
,	Man there are a second	NO		
	Was there any other type of sampling conducted during this investigation? If YES, include it in the Comment section.	NÓ		1

09/05/2013

Texas Commission on Environmental Quality

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* Regulatory mail will be	addresse	d to this org	anization	/ person					CN6006	66507	
Responsible Official **	*****										
WALTER J CARROL	1				Title						
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Last Survey Date	Surveyor	Survey Type	Code	Region	County	Def.Score
06/43/2011	BRITTANY PETTITT	SURVEY		4	ELLIS	Ja Ú
06/20/2007	IMRAN KHAWAJA	SURVEY		4	ELLIS	0
09/16/2004	IMRAN KHAWAJA	SURVEY		4	ELLIS	6

9/25/2013 IMRAN KHAWATH.

			(Entry P	'oint)		A STATE OF THE STA	
Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)	WUD Plant Num	Chemical Mon Type		Mon Type	Dist Sample
	SAMPLE TAP /	Plant(A)	3470		No		Point No

Train:	(Unnamed)

DisInfection Zone	Treatment Sequence	Objective	Process	Trealment					
	1	D	403	GASEOUS CHLORINATION(PRE)					

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G0700064B	2 - SPANISH G	RANT/A)	O	G			
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Code Explanations

Monitoring Type Codes: (GW) GROUNDWATER, (GWP) GROUNDWATER - PURCHASED, (GUP)
GROUNDWATER UNDER THE INFLUENCE - PURCHASED, (SWP) SURFACE WATER - PURCHASED, (GU)
GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER, (N) NO SOURCES, (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE, (C) CCN CANCELLED, (D) DELETED/DISSOLVED, (G) SB 361, (I)
INACTIVE, (M) MERGED/ANNEXED, (N) NON-PUBLIC, (P) PROPOSED, (U) UNKNOWN-NO ACTIVITY OR
NON-RESPONSIVE, (W) UTILITY WATER SYS XFER

Operational Status Codes: (C) CAPPED, (D) DEMAND, (E) EMERGENCY, (F) FORMER PWS SOURCE, (I)
INACTIVE PWS SYSTEM, (N) NON-DRINKING WATER, (O) OPERATING, (P) PLUGGED, (T) TEST, (Y) PWS
NOT ACTIVE AND NOT EXPECTED TO BE SO

Source Types: (G) GROUND WATER, (S) SURFACE WATER, (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CERTIFICATION AND EMPLOYMENT REPORT TCEQ REGION 04

ı	1			
I	ID#:	0700064		
ł		U/UUU04	SYSTEM INFO	Conside Community and a second
١				Spanish Grant Subdivision

Last Name	First Name	License Number	License Type	Exp. Date
Reeder	Rick	WG0008722	C-Groundwater	06/28/2016

Bryan W. Shaw, Ph.D., Chairman Carlos Rubinstein, Commissioner Toby Baker, Commissioner Zak Covar, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 31, 2013

E-SIGNATURE CONFIRMATION #91 3408 2133 3931 8616 0937

Mr. Walter Carroll, Owner Walter J. Carroll Water Company, Inc. 513 Winding Creek Trail Red Oak, Texas 75154

Re: Notice of Violation for the Compliance Evaluation Investigation at: Lakeview Rachettes, 4111 Miller Road, Midlothian, Ellis County, Texas RN10266682, TCEQID.: 0700057, Investigation No.: 1120642

COPY

Dear Mr. Carroll:

On September 19 & 25, 2013, Imran Khawaja of the Texas Commission on Environmental Quality (TCEQ) D/FW 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 certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by January 30, 2014 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.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 D/FW Region Office at (817)-588-5806 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 violation as required in order to protect the State's environment.

Mr. Walter Carroll, Owner Page 2 October 31, 2013

If you have additional information that we are unaware of, you have the opportunity to contest the violation documented in this notice. Should you choose to do so, you must notify D/FW Region Office within 10 days from the date of this letter. At that time, Mr. Charles Marshall, Team Leader 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 attached 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 Mr. Imran Khawaja in the D/FW Region Office at (817) 588-5806.

Sincerely.

Charles Marshall

Team Leader, Public Water Supply Section

D/FW Region Office

CLM/ik

Enclosure: Summary of Investigation Findings

Summary of Investigation Findings

LAKEVIEW RANCHETTES

Investigation #

4111 MILLER RD

Investigation Date: 09/19/2013

MIDLOTHIAN, ELLIS COUNTY, TX 76065

Additional ID(s): 0700057

OUTSTANDING ALLEGED VIOLATION(S). ASSOCIATED TO A NOTICE OF VIOLATION

Track No: 517147

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(2)(C)(i)

Alleged Violation:

Investigation: 1120642

Comment Date: 10/17/2013

Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter.

Recommended Corrective Action: Submit a copy of the accuracy check records to the regional office that verifies that the accuracy of the manual disinfectant residual analyzers is occurring at least every 90 days and that a record is being maintained of these results.

Track No: 517152

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(1)

Alleged Violation:

Investigation: 1120642

Comment Date: 10/17/2013

Failure to calibrate well meter, on Well #1 (G0700057A) as required by 30 TAC 290.41(c)(3) (N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating raw water meter for well#1.

Recommended Corrective Action: Submit calibration certificate for Well#1 (G0700057A) raw water meter.

Track No: 517176

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(m)(1)(A)

Alleged Violation:

Investigation: 1120642

Comment Date: 10/17/2013

Failure to maintain 20,000-ground storage tank at Pump station #1in a corrosive free state. On the day of the investigation it was noted that the concrete base which supports the 20,000-gallon ground storage tank at Pump Station #1 was cracked and beginning to sink in the center. The ground storage tank appeared to be rusted and the exterior of the storage tank had several areas of rust/corrosion.

According 30 TAC §290.46(m)(1)(A), ground and elevated storage tank inspections must determine that the vents are in place and properly screened, the roof hatches closed and locked, flap valves and gasketing provide adequate protection against insects, rodents, and other vermin, the interior and exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in a waterlight condition.

Recommended Corrective Action: Submit photographs showing that the concrete base of 20,000-gallon ground storage tank at pump station#1 has been repaired and returned to a corrosive free state.

Track No: 517178 Compliance Due Date: 01/30/2014

30 TAC Chapter 290.45(b)(1)(C)(i)

Alleged Violation: Investigation: 1120642

Comment Date: 10/17/2013

Failure to provide a well capacity of 0.6 gallons per minute per connection. Lakeview Ranchettes public water system's 102 service connections require a minimum well capacity of 61.2 gpm. On the day of the investigation, the system's one well produced 56 gpm, a deficiency of 8.4%.

Recommended Corrective Action: Submit an engineering report or certification of compliance that the system is producing a minimum of at least 0.6 gpm per connection or contact Mr. Sam Turner at 903/535-5162 and request an alternate capacity requirement (ACR).

PWS/070005..CO/09-25-13/CCI/NOV

Texas Commission on Environmental Quality Investigation Report

Walter J. Carroll Water Company, Inc. CN600666507

LAKEVIEW RANCHETTES

RN101266682

Investigation #1120642

Investigator:

IMRAN KHAWAJA

Incident#

Site Classification GW 51-250 CONNECTION

Conducted:

09/19/2013 -- 09/25/2013

SIC Code: 4941

Program(s):

PUBLIC WATER SYSTEM/SUPPLY

Investigation Type: Compliance Investigation

Location: WEDGE OF MIDLOTHIAN

1/4 MI W OF HWY 67 ON OLD FT

WORTH RD

Additional ID(s): 0700057

Address: 4111 MILLER RD;

MIDLOTHIAN, TX 76065

Activity Type: REGION 04 - DFW METROPLEX

PWSCCIGWCM - CCI GW PURCHASE -

COMMUNITY MANDATORY

Principal(s):

Role

Name

RESPONDENT

WALTER J CARROLL WATER COMPANY INC

Contact(s):

Role

Title

Name

Phone

Notified

FACILITY **OPERATOR**

MR RICK REEDER

Cell

Work

(214) 808-0274

(972) 517-0817

Participated in Investigation

FACILITY

(972) 617-0817

Regulated Entity Contact

OPERATOR

MR RICK REEDER

FACILITY OPERATOR

MR RICK REEDER

Regulated Entity Mail Contact

OWNER/OPERATOR

MR WALTER J

Work

(972) 617-0817

Participated in Investigation

OWNER/OPERATOR

CARROLL MR WALTER J CARROLL

Other Staff Member(s):

Role

Name

Supervisor QA Reviewer

CHARLES MARSHALL CHARLES MARSHALL

Associated Check List

Checklist Name

PWS EMERGENCY POWER INITIATIVE

Unit Name

PWS INVESTIGATION - EQUIPMENT MONITORING

Emergency Power Equipment Monitoring

AND SAMPLING revised 06/2013

PWS STANDARD FIELD

Lakeview Ranchettes

Investigation Comments:

INTRODUCTION

Mr. Walter Carroll, Owner of Carroll Water Company, received prior notification of the investigation by Imran Khawaja on September 5, 2013. A list of required records was faxed to Mr. Carroll which outlined records to be provided during the investigations of four systems scheduled for September 19, 2013. The document reviews for all four systems (owned by Mr. Carroll) were conducted on September 19, 2013 with Mr. Carroll. The inspections of the all four system's facilities including Lakeview Ranchettes (PWS ID#0700057) were conducted on September 25, 2013 with Mr. Rick Reeder, Operator.

The exit interview explaining the result of the investigations for all four systems, were conducted with Mr. Reeder on September 25, 2013. Four alleged violations were cited at the time of the current investigation and a Notice of Violation letter was sent to the system.

GENERAL FACILITY AND PROCESS INFORMATION

*Specific facility information, such as tank volumes, pump capacities, etc. can be found in the PUBLIC WATER SYSTEM DATA SHEET attached to the end of this compliance investigation

Lakeview Ranchettes water system serves 102 connections through 102 meters with an approximate population of 306 people, based on three persons per connection, and secures water from one well (Well #1-G0700057A) which is distributed through two pressure planes.

PRESSURE PLANE 1 (Pump Station #1)

The water from Well #1 is injected with gaseous chlorine prior to entering a 20,000-gatlon standpipe tank. The water is then delivered to 56 of the distribution system connections via 2 service pumps (rated 10 HP /200 & 15 HP/300 GPM) and pressure is maintained by a 3,000-gallon pressure tank.

PRESSURE PLANE 2 (Pump Station #2)

The water from Pressure Plane 1 (Pump Station 1) enters Pump Station #2 at the 20,000-gallon standpipe tank. The water is then delivered to the remaining 46 distribution system connections via 2 service pumps (25 HP 7 500 GPM each) and pressure is maintained by a 4,000-gallon pressure tank.

EXCEPTION / ALTERNATIVE CAPACITY REQUIREMENT

An exception regarding the sanitary control easements for Well No.1(G0700057A) was granted by TCEQ Public Drinking Water Section. In lieu of sanitary control easement, a raw water sample from Well No.1 should be submitted each month for bacteriological analyses.

BACKGROUND

The last compliance investigation at Lakeview Ranchettes was conducted on June 13, 2011. No violations were documented during the investigation, however one additional issue with reference to total production capacity was documented.

RECORD REVIEW

The following records were reviewed during the investigation:

- Bacteriological sampling results
- Quarterly disinfection reports
- Monthly Operating Reports
- Monitoring Plans
- Tank Inspection Reports

LAKEVIEW RANCHETTES - MIDLC ... AN 9/19/2013 to 9/25/2013 Inv. # - 1120642

Page 3 of 5

- Plumbing Ordinances or Service Agreements
- **Customer Service Inspections Drought Contingency Plans**
- Plant Operations Manual
- Complaint Records
- **Consumer Confidence Reports**
- Meter Calibration Records

RESOLVED VIOLATION COMMENTS

ADDITIONAL ISSUES

None

ADDITIONAL COMMENTS

None

OUTSTANDING ALLEGED VIOLATIONS

Tracking # 517147

§290.46(s)(2)(C)(i) - Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their

Tracking # 517152

§290.46(s)(1) - Failure to calibrate raw water meters for Well#1 (G0700057A).

Failure to calibrate well meter, on Well #1 (G0700057A) as required by 30 TAC 290.41(c)(3)(N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating raw water meter for well#1.

Tracking#: 517176

§290.46(m)(1)(A) - Failure to maintain 20,000-ground storage tank at Pump station #1in a corrosive free state.

On the day of the investigation it was noted that the concrete base which supports the 20,000-gallon ground storage tank at Pump Station #1 was cracked and beginning to sink in the center. The ground storage tank appeared to be rusted and the exterior of the storage tank had several areas of rust/corrosion.

Tracking No. 517178

§290.45(b)(1)(C)(i) - Failure to provide a well capacity of 0.6 gallons per minute per connection. Lakeview Ranchettes public water system's 102 service connections require a minimum well capacity of 61.2 gpm. On the day of the investigation, the system's one well produced 56 gpm, a

THE RESERVE OF THE PARTY OF THE	STATE OF THE STATE	
NOV Date / Method		CASTERNATION CONTRACTOR OF THE ACTION OF THE
10/31/2013 WRITTEN **		
Sus-	TANDINGTALLEGED VIOLATIONS	
i ja euns	PIANDING ALLEGED VIOLATIONS	
ASSO(EIATIED TO A NOTICE OF VIOLATIO	
Track No. E47447	THE PARTY OF THE P	DÑ Ł

Track No: 517147

Compliance Due Date: 01/30/2014 Violation Start Date: Unknown

30 TAC Chapter 290.46(s)(2)(C)(I)

Alleged Violation: Investigation: 1120642

Comment Date: 10/17/2013

Page 4 of 5

Failure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter.

Recommended Corrective Action: Submit a copy of the accuracy check records to the regional office that verifies that the accuracy of the manual disinfectant residual analyzers is occurring at least every 90 days and that a record is being maintained of these results.

Track No: 517152

Compliance Due Date: 01/30/2014 Violation Start Date: Unknown

30 TAC Chapter 290.46(s)(1)

Alleged Violation: Investigation: 1120642

Comment Date: 10/17/2013 Failure to calibrate well meter, on Well #1 (G0700057A) as required by 30 TAC 290.41(c) (3)(N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating raw water meter for well#1.

Recommended Corrective Action: Submit calibration certificate for Well#1 (G0700057A) raw water

Track No: 517176

Compliance Due Date: 01/30/2014 Violation Start Date: Unknown

30 TAC Chapter 290.46(m)(1)(A)

Alleged Violation: Investigation: 1120642

Comment Date: 10/17/2013

Failure to maintain 20,000-ground storage tank at Pump station #1in a corrosive free state. On the day of the investigation it was noted that the concrete base which supports the 20,000-gallon ground storage tank at Pump Station #1 was cracked and beginning to sink in the center. The ground storage tank appeared to be rusted and the exterior of the storage tank had several areas of rust/corrosion.

According 30 TAC §290.46(m)(1)(A), ground and elevated storage tank inspections must determine that the vents are in place and properly screened, the roof hatches closed and locked, flap valves and gasketing provide adequate protection against insects, rodents, and other vermin, the interior and exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in a watertight condition.

Recommended Corrective Action: Submit photographs showing that the concrete base of 20,000-gallon ground storage tank at pump station#1 has been repaired and returned to a corrosive

Track No: 517178

Compliance Due Date: 01/30/2014 Violation Start Date: Unknown

30 TAC Chapter 290.45(b)(1)(C)(i)

Alleged Violation: Investigation: 1120642

Comment Date: 10/17/2013

Failure to provide a well capacity of 0.6 gallons per minute per connection. Lakeview Ranchettes public water system's 102 service connections require a minimum well capacity of 61.2 gpm. On the day of the investigation, the system's one well produced 56

LAKEVIEW RANCHETTES - MIDLC ...IAN 9/19/2013 to 9/25/2013 inv. # - 1120642

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gpm, a deficiency of 8.4%.

Recommended Corrective Action: Submit an engineering report or certification of compliance that the system is producing a minimum of at least 0.6 gpm per connection or contact Mr. Sam Turner at 903/535-5162 and request an alternate capacity requirement (ACR).

Signed	Date 10/29/13
Attachments: (in order of final report submittal) Enforcement Action Request (EAR) Letter to Facility (specify type):i\	Maps, Plans, Sketches Photographs Correspondence from the facility Other (specify):

PUBLIC WATER SYSTEM DATA

Name of System: Lakeview Ranchettes

CCN Number:

11543 PWS ID: 700057 Classification: Not Applicable Type: Community

Region Number:

Interconnect with Other No Name of PWS I/C:

PWS:

Type I/C:

Retail Service Connections: Retail Meters: 102

Retail Population: 306

Wholesale Master Wholesale Service 0 0

Meters: Connections:

Wholesale Population: 0

Total Well Capacity: 56 GPM 0.0806 MGD

Raw Capacity: GPM MGD

Total Elevated Storage: MG Total Storage Capacity: 0.040 MG

Pressure Tank

0.0070 Capacity:

Maximum Daily unknown MGD Date: Usage: 09/09/9999

Average Daily

Time 0.0214 MGD Usage: 09/01/2012to 08/31/2013 Period:

Wholesale Contract: No Maximum Purchase Rate:

No. of Samples Required: 1 No. of Samples Submitted: 1

No. of Raw Samples No. of Raw Samples Required: 1 1

Submitted:

Non-Comm Dates of 09/09/9999 to 09/09/9999 Operation:

WATER STORAGE TANKS

TV/px	· Capacility:	. Material	Elotes#iom
110	0.003 MG	ST	Pump Station #1 (Old Ft. Worth & Miller Road)
GR	0.020 MG	ST	Pump Station #1 (Old Ft. Worth & Miller Road)
HD	0.004 MG	ST	Pump Station #2 (Miller Rd.)
GR	0.020 MG	ST	Pump Station #2 (Miller Rd.)

WATER SOURCES

FIP : Source: "Ovmers No. CodeDes	oppe	ា ម៉ា	us Pung Type Tist. I	sti jisviesiugema BMU-date
1 G0700057A Well#1	Old Ft. Worth	0	Submersible 56	09/25/2013

SERVICE PUMPS

ologi: Outgotes: 12 %	Location
10 HP / 200 GPM	Pump Station #1 (Old Ft. Worth & Miller Road)
15 HP / 300 GPM	Pump Station #1 (Old Ft. Worth & Miller Road)
25 HP / 500 GPM	Pump Station #2 (Miller Rd.)
25 HP / 500 GPM	Pump Station #2 (Miller Rd.)
	15 HP / 300 GPM 25 HP / 500 GPM

SYSTEM CAPACITIES

Pressure Plane Number: 0 Name: Entire System

Company of the second of the second	No. of the second secon		
System Capacities Well Production 0.6	GPM Conn X 102	Requir Conn = 61.2	ed Riovided GPM 56
Elevated Pressure Storage	Gal/Conn X	Conn =	MG
Ground/Total Storage	Gal/Conn X	Conn =	MG
Service Pump Capacity	GPM/Conn X	Conn =	GPM
Service Pump Peaking Factor	MDD/1440 X	**	GРM
Tested PSI: Tested CL2:	Total Location:		

Pressure Plane Number: 1 Name: Pressure Plane#1

System Cappoiles				e de la constanta	eddi i Enoxitededd
Well Production		GPM Conn	X	Conn =	GPM
Elevated Pressure Storage	20	Gal/Conn	X 56	Conn = 0.0011	
Ground/Total Storage	200	Gal/Conn	X 56	Conn = 0.0112	MG 0.02
Service Pump Capacity	2.0	GPM/Conn	X 56	Conn = 112	GPM 500

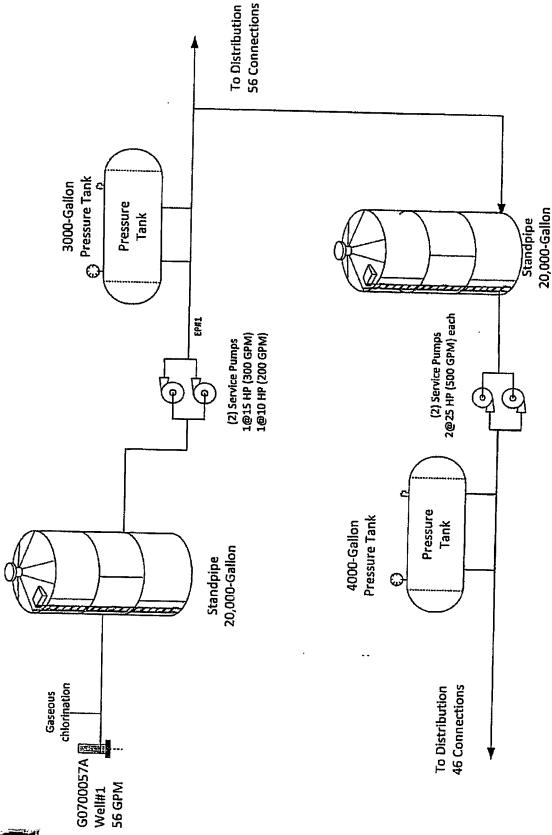
Service Pump Peaking Factor	MDD/1440	X	N-M	GPM
Tested PSI: 55 Tested CL2:	1.20 Free	Location:	4392 Old Fort	Worth

Pressure Plane Number: 2 Name: Pressure Plane #2

Tested PSI: 50 Tested	1 CL2:	0.28 Free Local	tion: 4521 Miller Road	1	
Service Pump Peaking Factor		MDD/1440 X	**	GРM	
Service Pump Capacity	2.0	GPM/Conn X 46	Conn = 92		1000
Ground/Total Storage	200	Gal/Conn X 46	Conn = 0.0092	MG	0.02
Elevated Pressure Storage	20	Gal/Conn X 46	Conn = 0.00092	· · · · · · · · · · · · · · · · · · ·	0.004
TTOIL TOULCHOIT		GPM Conn X	· Conn =	GPM	
System Capacities			Require	de la company	Piroviide

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY PUBLIC WATER SYSTEM DIAGRAM 25/2013 TCEQ REGION 04

TCEQ ID # 0700057 Survey Conducted on 09/19 & 25/2013 Investigator: Imran Khawaja





Lakeview Ranchettes

Texas Commission on Environmental Quality

PWS INVESTIGATION - EQUIPMENT MONITORING AND SAMPLING revised 06/2013 Checklist

Unit Name: Equipment Monitoring

Investigation #:1120642

Facility Name : LAKEVIEW RANCHETTES

County: ELLIS

TCEQ Investigator: IMRAN KHAWAJA

item No.	Description	Answer	Comments	Due
	EQUIPMENT MONITORING SECTION			Date
1	Was an Anemometer used during this investigation?	NO		,
2	Was the Area RAE Multi-Gas Monitor used during thi	s NO		
3	Was the Civil Defense V-700 Radiation Supply			
4	Instrument used during this investigation? Was the DataRAM(TM) Real-Time Aerosol Monitor	NO		
5	used during this investigation?	NO		
	Was the Dissolved Oxygen Meter used during this investigation?	МО		
6	Was the Drager Gas Detector Pump/Tube System used during this investigation?	NO		
7	Was the El Paso Method for Measurement of Air-Strippable VOCs in Water used during this investigation?	NO		
8	Was the Garmin GPSMap 60CS GPS Receiver used during this investigation?	NO		
9	Was the Garmin RINO 130 GPS Receiver used during this investigation?	NO		
10	Was the GAS FindIR used during this investigation?	NO	· ·	
1	Was the Hach Model 2100P Portable Turbidimeter used during this investigation?	NO		
2	Was the Hach Pocket Colorimeter used during this investigation?	YES		
3	Was the Hach Pocket Turbidimeter used during this investigation?	NO		
4	Was the Haz-Dust 5000 Environmental Particulate Air Monitor (EPAM) used during this investigation?	NO		
5	Was the Hydrolab DataSonde® 4 and Hydrolab MiniSonde® Water Quality Multiprobes used during this investigation?	NO		
8	Was the IDEXX Collert® and IDEXX Enterolert® Methods used during this investigation?	NO		
7	Was the Jerome 631-X Hydrogen Sulfide (H2S) Analyzer used during this investigation?	NO		
3	Was the LANDTEC GEM 2000(TM) Landfill Gas analyzer used during this investigation?	NO		
)	Was the Ludium Model 14C Geiger Mueller (GM) counter used during this investigation?	NO		
	Was the Ludium Model 19 Micro R Meter used during this investigation?	NO		
	Was the Marsh-McBirney Flo-Mate 2000 Electromagnetic Flow Meter used during this	NO		
	Mas the MiciDac 2000 Division	NO		
	Was the MIRAN 2058 Samphile Rotteble Information	NO		
- 1	Ambient Analyzer used during this investigation? Was the MSA Passport® PID II Organic Vapor Monitor	NO		
	used during this investigation? Was the Multi-parameter Water Quality Monitoring	VO		
	Sonde and Display used during this investigation? Was the MultiRAE Plus Multi-Gas Marillas used during	NO		
	the investigation?	•		

Texas Commission on Environmental Quality

PWS EMERGENCY POWER INITIATIVE Checklist

Unit Name: Emergency Power

Investigation #:1120642

County: ELLIS TCEQ Investigator: IMRAN KHAWAJA

Facility Name : LAKEVIEW RANCHETTES

No.	Description	Answer	Comments	Due
1	Is the ground water facility compliant with 290.45(b)(1) (D)(v)?	NOT APPLICABLE	Lakeview Ranchelles serves < 250 connections.	Date
2	Ones the ground water to the	NO	·	
3	Does the ground water facility have an emergency interconnection with another public water system that has emergency power?	NO		
4	Does the ground water facility meet the elevated storage requirements?	NO		
5	is the surface water facility compliant with 290.45(b)(2) (H)?	NOT APPLICABLE		
ŝ	Does the surface water facility have mechanical power or electric generator?	NO		
	Does the surface water facility have an emergency interconnection with another public water system that has emergency power?	NO		
	Does the curiose comband with	NO		
	is the wholesale provider.compliant with 290.45(e)(3)?	NOT APPLICABLE		<u> </u>
0	Does the wholesale provider have mechanical power or electric generator?	NO		<u> </u>
1	Does the wholesale provider meet the elevated storage requirements?	NO		

27			
	Was the Niton® XLt 700 Series X-Ray . juorescence (XRF) Environmental Analyzer used during this investigation?	NO	
28	Was the ORS Interface Probe(TM) used during this investigation?	NO	
29	Was the pH Meter used during this investigation?	NO	ļ
30	Was the Portable Organic Vapor Monitor (OVM) Photoionization Detector used during this	NO	
31	Investigation? Was the Pressure Gauge used during this investigation?	YES	
32	Was the Pressure Recorder used during this investigation?	NO	
33	Was the QRAE Multi-gas Monitor used during this investigation?	NO	
34	Was the Sample Collection of VOCs in Ambient Air Using Passivated, Stainless Steel Capitals upod	NO	
35	during this Investigation? Was the Sampling of Microscopic Characterization used during this investigation?	NO	
36	Was the Self Contained Breathing Apparatus (SCBA) used during this investigation?	NO	
37	Was the Smith-Root Boat Mounted and Backpack Electrofishers used during this investigation?	NO	
38	Was the Sontek Flowtracker used during this investigation?	NO	
39	Was the TESTO 350 Portable Flue Gas Analyzer used during this investigation?	NO	
40	Was the Toxic Vapor Analyzer (TVA) 1000B Flame lonization Detector (FID) used during this investigation?	NO	
41	Was the TraveliR Portable FT-IR Infrared Analysis System used during this investigation?	NO	
42	Was the VRAE Multi Gas Monitor used during this investigation?	NO	
43	Was the Water Level Indicator used during this investigation?	NO	
44	Was the Weatherpak 2000 used during this investigation?	NO	·
45	Was any other equipment used during this investigation that is not listed above? If YES, list the equipment in the Comment section. SAMPLING SECTION	NO	
ī	Was there sampling conducted for Effluent?		
1		NO	
-	Was there sampling conducted for Groundwater?	NO	
	Was there sampling conducted for Leachate/Contaminated Water?	NO	
	Was there sampling conducted for PWS Chemical?	NO	***************************************
		NO	
	Discharge?	NO	
		VO	
	Was there any other type of sampling conducted during this investigation? If YES, include it in the Comment section.	NO	

Texas Commission on Environmental Quality

PWS STANDARD FIELD Checklist

Unit Name: Lakeview Ranchettes

Investigation #:1120642

Facility Name: LAKEVIEW RANCHETTES

County: ELLIS TCEQ Investigator: IMRAN KHAWAJA

Item Description No. Answer Due Comments Date GENERAL PROVISIONS: Meets applicable 290.39 COMPLIANT slandards? CESSATION OF CONSTRUCTION AND 2 COMPLIANT OPERATIONS: Meets applicable 290.40 standards? WATER SOURCES: Meets applicable 3 COMPLIANT 290.41slandards? WATER TREATMENT: Meets applicable 290.42 COMPLIANT standards? WATER STORAGE: Meets applicable 290.43 COMPLIANT standards? WATER DISTRIBUTION: Meets applicable 290,44 Ŕ COMPLIANT standards? MINIMUM WATER SYSTEM CAPACITY COMPLIANT REQUIREMENTS: Meets applicable 290,45 slandards? MINIMUM ACCEPTABLE OPERATING PRACTICES COMPLIANT FOR PWS: Meets applicable 290.46 standards? APPENDICES: Meets applicable 290.47 standards? COMPLIANT (Appendices A through J) 10 DRINKING WATER STANDARDS GOVERNING COMPLIANT WATER QUALITY AND REPORTING REQUIREMENTS FOR PWS: (SUBCHAPTER F) Meets applicable 290.101 through 290.122 standards?
DISTRIBUTION SYSTEM FIELD TESTING COMPLIANT ACTIVITIES: (Pressure and Residual Disinfection Level Testing) Meets applicable 290.46(r) and 290,46(d)(2) standards? SWTP FIELD TESTING ACTIVITIES: (pH, COMPLIANT Temperature, Disinfectant Residual, Alkalinity, Turbidity, Jar Testing, and Other) Meets applicable 290.42(d)(15)(C) slandards? EMERGENCY PREPAREDNESS PLAN (Only applies to Harris County) 13A Meets applicable 290.46(1)(5) standards? NOT APPLICABLE Meets applicable 290.45(h) standards? NOT APPLICABLE FIRE HYDRANT REQUIREMENTS (Only apply to line NOT APPLICABLE City of Houston) - Meets applicable 290.46(x) slandards? 15 Item 1 NON COMPLIANT Failure to check the accuracy of the manual 01/30/2014 disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations. On the day of the investigation, the system had gone an unknown amount of time without check the accuracy their Hach colorimeter Citation: 30 TAC Chapter 290, SubChapter D 290.46(s)(2)(C)(I) item 2 NON COMPLIANT Fallure to calibrate well meter, on Well #1 01/30/2014 (G0700057A) as required by 30 TAC 290.41(c)(3)(N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating raw water meter for well#1 Citation: 30 TAC Chapter 290, SubChapter D 290.46(s)(1)

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated by telephone to the regulated entity representative prior to the issuance of a notice of violation or conforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

Date Faxed

	Issue
No.	Type
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W	AV
isue I)	usue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)
Did th	Did the TCEQ document the regulated entity named above operating without proper authorization?
Did th	Did the investigator advise the regulated entity representative that continued operation is not authorized?
Docuin	Document Acknowledgment. Signature on this document establishes only that the regulated entity (company) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, document will be faxed to regulated entity; therefore, signature not required.
	Investigator Name (Signed & Printed)

If you have questions about any information on this form, please contact your local TCEQ Regional Office.
Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512-239-3282.

1.3.4.

White Copy: Regulated Entity Representative TCE0-20065 (Rev. 607) Yellow Copy: TCEQ

(Note: Use additional pages as necessary) Page _____of

10/17/2013

Texas Commission on Environmental Quality

4:13:52PM		3311	Mater 9	System D	7 <i>11 Q</i>	ment	al Quality	WSDS
			AASIGI	oystem D	ala S	ineet		
PWS ID PWS Name								
0700057 LAKEVIEW RAI	ËS			And the second s	Central Registry RN			
						-		RN101266682
Organization/Customer *	and the second s				-			
WALTER J CARROLL WA	TER CO	VPA!	NY INC					Central Registry CN
* Regulatory mail will be addres	sed to this	orga	nization	/ person	-			CN600666507
								,
Responsible Official ** WALTER J CARROLL					Til			
						RESIDE	ENT	
License Type		_	License	e Number				
Mailing Address:								
Street Address								
			•			C/	O or Address L	ine 2
513 WINDING	F KA	<u>T 7</u>	<u>L</u>			L_		
City				State			13:	
RED OAK				-			Zip	
		-		LTX			75154	+
Business Phone	Other Pho	ne		Other Ph	One	Tyne	Email	
972/617-0817	The second secon	M Hambie				, j p c	Linei	
** Regulatory mail will be addres	sed to this	pers	on					
PWS Contact - If different than a						and Application of the last of		
RICK L REEDER	ibove ***	San 21, 71, 7		****	Title			
License Type						OP	ERATOR	
C - C A			License					
C-GROUNDW	HIER		LMG	1000	<u>8-</u>	22	1.	
Mailing Address for PWS Primar Street Address	y Contact:							
513 WINING CREEK TRL				C/(Or.	Addres	s Line 2	
TO THE ONCE NEED THE								
City	i	State						
RED OAK		TX			Zip			
					751	D4		
Business Phone Other Ph	one	Othe	r Phone 1	Tyne	72	mail		
	- 1 170110	, , , , ,	- 5	.Hall				
* Copies of most regulatory mail	will be ad	dress	sed to this	s person				
mergency Contact Name ****	Emerge	ency !	Phone			E		
RICK L REEDER				-02	11.6	⊏merg	ency Email	
		-` {-	-مىں	- <u>-</u>	LT.	<u> </u>		
icense Type			icense t	lumber				
	License Number							
W		- 1/						

**** This contact information will be used only in the event of an emergency

Owner Type Options: AFFECTED COUNTIES, COUNTY, DISTRICT/AUTHORITY,											
EXEMPT, FEDERAL GOVERNMENT, INVESTOR, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, SUBMETER \ ALLOCATION, STATE GOVERNMENT, NOT RETAIL PUBLIC UTILITIES, WATER SUPPLY CORPORATION, MISC/UNKNOWN											
System Type System											
	em Type Opti NSIENT/NON	ons: S -COM	B 361, COM	INUNI	TY, COMMUI JBLIC, NON-	NIT	Y (NO	N-GOV	ERNA	ENT O	WNED),
					DEIC, NON-	IKA	MOIF	NIMO	N-COI	MUNI	TY
Customer			lomer		Population		#	of	#0		
Class RESIDENTIAL		TO THE PARTY OF THE PARTY.	gory		Served		Con		Mete	. 11	# I/C w/other PWS
RESIDENTIAL	RESI	DEN	TIAL AREA		273		و	*	88		0
Fotal Average	Total		ī	77	306		l	02	L	02	
Product Daily MGD) Consump	Storac	je	Elev. Storage (MG)		oster mp Cap. GD) Aux.Prod.Cap. Max.Pur.Cap.(MGD)			GD)		Pressure Tank	
0.946	0.040	/	0.000	1.72	Cap.(MG)				Cap.(MG) مستم 0,00800		
0.080				Chairman							0.00800
Activity Stat		De	activation D	ate		-		Rea	son		
ACTIVE		<u></u>				·					······································
Operator Grade											
	CDOLIND									Nui	nber .
WATER GRADE C GROUND . Number											
Last Survey Date Surveyor Survey Type Code Region 19											
6/13/2011		/ DET	TITT		rvey Type	<u>_ C</u>	ode	Regio	n C	ounty	Def.Score
1/27/2007 4 ELLIS 0/S											
1/13/2005					JRVEY	4		4		ELLIS	0
01/13/2005 IMRAN KHAWAJA SURVEY 4 ELLIS 0											

	(Entry Point)								
Entry Point	EP Name/Source Summation (Activity Status)	Plant Name (Activity Status)		Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample		
001	SAMPLE TAP / WOODBINE(A)	.25 MILE W OF HWY 67 ON FT WORTH RD(A)	3466		No		Point No		

Train: (Unnamed)

(Treatments)										
Disinfection Zone	Treatment Sequence	Objective	Process	Treatment						
	1	D	403	GASEOUS CHLORINATION(PRE)						

			(Active Source	es)	V 64×2 11.		
	Source Name (A	- ,	Operational Status	Source Type	Depth	Tested GPM	Rated GPM
G0700057A	1 - OLD FT WO	ORTH RD(A)	0	G	504	- co	61
Orill Date		Well Data			007		1 01
10/14/1971		PALUXY SAN	D			-56	
GPS Latitude (decimal)	GPS Longitude (decimal)	GPS Elevation	GPS Date	GPS Cert. No.		Seller	
32.484722	97.042503	0	1		╣		

(Inactive/Offline Sources) (No inactive Sources associated with this EP/Plant)

Code Explanations Monitoring Type Codes: (GW) GROUNDWATER, (GWP) GROUNDWATER - PURCHASED, (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED, (SWP) SURFACE WATER - PURCHASED, (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER, (N) NO SOURCES, (SW) SURFACE WATER Activity Stalus Codes: (A) ACTIVE, (C) CCN CANCELLED, (D) DELETED/DISSOLVED, (G) SB 361, (I) INACTIVE, (M) MERGED/ANNEXED, (N) NON-PUBLIC, (P) PROPOSED, (U) UNKNOWN-NO ACTIVITY OR NON-RESPONSIVE, (W) UTILITY WATER SYS XFER Operational Status Codes: (C) CAPPED, (D) DEMAND, (E) EMERGENCY, (F) FORMER PWS SOURCE, (I) INACTIVE PWS SYSTEM, (N) NON-DRINKING WATER, (O) OPERATING, (P) PLUGGED, (T) TEST, (Y) PWS NOT ACTIVE AND NOT EXPECTED TO BE SO Source Types: (G) GROUND WATER, (S) SURFACE WATER, (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY CERTIFICATION AND EMPLOYMENT REPORT TCEQ REGION 04

1D#:	0700057	CYOTER	
	0700037	SYSTEM INFO:	Lakeview Ranchettes

Last Name	First Name	License Number	License Type	Exp. Date
Reeder	Rick	WG0008722	C-Groundwater	06/28/2016

Bryan W. Shaw, Ph.D., Chairman Carlos Rubinstein, Commissioner Toby Baker, Commissioner Zak Covar, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 5, 2013

E-SIGNATURE CONFIRMATION #91 3408 2133 3931 9034 8017

Mr. Walter Carroll, Owner Walter J. Carroll Water Company, Inc. 513 Winding Creek Trail Red Oak, Texas 75154

Re: Notice of Violation for the Compliance Evaluation Investigation at: Grande Casa, 531 Grande Casa, Waxahachie, Ellis County, Texas RN102688401, TCEQID.: 0700063, Investigation No.: 1120477

Dear Mr. Carroll:

On September 19 & 25, 2013, Imran Khawaja of the Texas Commission on Environmental Quality (TCEQ) D/FW 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 certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by **January 30, 2014** a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violations. Also please see Additional Issues.

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 D/FW Region Office at (817)-588-5806 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 violation as required in order to protect the State's environment.

TCEQ Region 4-Dallas/Fort Worth • 2309 Gravel Dr. • Fort Worth, Texas 76118-6951 • 817-588-5800 • Fax 817-588-5700

Mr. Walter Carroll, Owner Page 2 November 5, 2013

If you have additional information that we are unaware of, you have the opportunity to contest the violation documented in this notice. Should you choose to do so, you must notify D/FW Region Office within 10 days from the date of this letter. At that time, Mr. Charles Marshall, Team Leader 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 attached 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 Mr. Imran Khawaja in the D/FW Region Office at (817) 588-5806.

Sincerely,

Charles Marshall

Team Leader, Public Water Supply Section

D/FW Region Office

CLM/ik-

Enclosure: Summary of Investigation Findings

Summary of Investigation Findings

GRANDE CASA

Investigation #

531 GRANDE CASA RD

WAXAHACHIE, ELLIS COUNTY, TX 75167

Investigation Date: 09/19/2013

Additional ID(s): 0700063

OUTISTANDING ALLEGED VIOLATION(S) ASSOCIATIED TO A NOTICE OF VIOLATION

Track No: 517386

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(2)(C)(i)

Alleged Violation:

Investigation: 1120477

Comment Date: 10/22/2013

Fallure to check the accuracy of the manual disinfectant residual analyzers at least once every 90 days using chlorine solutions of known concentrations.

30 TAC 290.46(s)(2)(C)(i) states that chemical disinfectant residual analyzers shall be properly calibrated and accuracy of manual disinfectant residual analyzers shall be verified at least once every 90 days using chlorine solutions of known concentrations.

Recommended Corrective Action: Submit a copy of the accuracy check records to the regional office that verifies that the accuracy of the manual disinfectant residual analyzers is occurring at least every 90 days and that a record is being maintained of these results.

Track No: 517393

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(s)(1)

Alleged Violation:

Investigation: 1120477

Comment Date: 10/22/2013

Failure to calibrate well meter, on Well #1 (G0700063A) as required by 30 TAC 290.41(c)(3) (N) at least once every three years. On the day of the investigation, the system had gone an unknown time without calibrating raw water meter for well#1.

Recommended Corrective Action: Submit calibration certificate for Well#1 (G0700063A) raw

Track No: 517397

Compliance Due Date: 01/30/2014

30 TAC Chapter 290.46(f)(3)(A)(III)

Alleged Violation:

Investigation: 1120477

Comment Date: 10/22/2013

Failure to compile and maintain records of complaints received by the facility and the results of any subsequent investigation.

According to 30 TAC §290.46(f)(3)(A)(iii) the date, location, and nature of water quality, pressure, or outage complaints received by the system and the results of any subsequent complaint investigation must be recorded and maintained on file by the water system. At the time of the investigation, the system failed to provide or maintain records of complaints received by the system.

Recommended Corrective Action: Submit copies of current records indicating that the system is maintaining records of the date, location, and nature of water quality, pressure, or outage complaints received by the system.