Aqua Tech Laborato His friu 635 Phi Gramm Bivd Bive TX 17807

BRIARCREEK % AQUATEXAS

### Analytical Report

The MERCHAN

Report Printed. Work Order

Received:

7'9 13 16 01 W010896 06/18'13 10:45

Page 2 of 5

	-				
Sample ID#	Collected	Collected By	Туре	Matrix	C-O-C #
W010896-01RE*	6/17/13 17 15	CLIENT	Grab	Non Potable	W010896
11010000					

### Briarcreek WWTP Effluent

Inorganic Parameters (Bryan Facility)

Analysis
EL Phosphorus as P

SQL 3.05 Result

Units mg/L

Analyzed 07/02/13 16:20 BWs

Method #

ъм 4500-Р в 5 + Е 1997 Ed Rev 2011

The above sample was received in acceptable condition according to Aqua-Tech Laboratories. Inc. procedures and 40 CFR, Chapter I, Subchapter D. Part 136.3. TABLE III -Required containers, proservation techniques, and holding times, unless otherwise noted above.

Tile following prefixes to each analysis hame indicate certification

NFL NELAC accredited parameter

NC Supcontracted to a NE\_AC certified testing facility

ANR Accreditation not required by the State of Texas

Fo informational purposes only not NELAC apprecised or reportable to

\*0£Q

Report approved by

kene M. Buen

June M. Bher - Technical Director

This analyses burnificated in this report were performed by Acua-Tach Labora chas inclumes otherwise notific. Acua Tach Laboratories inclinious according to 175 as in according to 175 as in according to 175 and 175

THE BRUNCS TILLS REPORT APENIANT TO THE SAMPLES AND LICENTED TO USE REPORT AS SECURED TO THESE WITH THE SAMPLES OF A SECURE SECU



Aqua-Tech Laboratories Inc. 35 Phil Gramm Blyd. Bryan TX 77807 Analytical Report

Find Swellingues The

Report Printed. Work Order

Received.

7 9/13 10 01 W010896 06/18/13 10:45

Page 3 of 5

### BRIARCREEK % AQUATEXAS

### Notes and Definitions

QD-02 Result is outside of acceptance criteria. Due to holding time constraints the sample cannot be re-analyzed BOD-01. Offulion water blanks fell outside of acceptance criteria of 0.2 mg/L.

NP Not Reported

RPD Relative Percent Difference

% R Percent Recovery

dry Results with the "dry" unit designation are reported on a "dry weight" basis

SQL The SQL (Sample Quantitation Limit) is the value below which the chemical of concern cannot reliably be detected. The SQL

includes all sample dilutions and / or concentrations and is a function of the MQL (Method Quantitation Limit)

All samples are reported on an "as received" basis unless the designation "dry is added to the reported unit

Copies of Aqua-Tech Laboratories, Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories. Inc. personnel unless otherwise noted in the "Collected By" field of this report as "Client" or "CLIT".

Any subcontracted data summarized in this report is indicated by the S-0" qualifier. A copy of the original report from the subcontract faboratory is available upon request.

### Inorganic Parameters (Austin Facility) - Quality Control Report

Carbonaceous B	OD (5 day) -	SM 5210 B, 2	2001				Batch M040507
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Seed Blank	1	<1	mg/L	06/19/13 07 15 KF	Acceptable	< SQL	BDD-01
Ouplicate	39	144	rig/L	06/19/13 87 15 KF	2.82 RPD	26 9 RPD	
GG Acid 198	Ť	162	mg/L	06/19/13 37 15 KF	913%2	846 - 115 %त	QD-02
Total Suspended	Solids - SM	2540 D 1997	,				Batch M040516
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
3tank	SQL 1	Result	Units mg/L	Analyzed 96/19/13 15/54 NG	QC Check Acceptable	QC Limits < SQL	QC Flag
Blank Duplicate	SQL 1 2000						QC Flag

### Inorganic Parameters (Bryan Facility) - Quality Control Report

Ammonia as N - Sf	W 4500 NH	13 G, 1997					Batch MC40607
	sqL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Blank	0.05	<0.05	mg L	06/24,13 4 1 52 PWH	Acceptable	< SQL	CLASSIC CONTROL OF THE CONTROL OF TH
Matrix Spike	0.05	451	mg/L	06/24 13 1 52 PVVH	88 4 % ?	80 1 - 126 %R	
Matrix Spike Dup	0.05	4 53	mg/L	06/24/13 11 52 PW/H	92 4 % R 4 47 RPD	80 1 120 %F, 474 PP	
LGS	0.05	J 49	~g/l	09/24/13 11 52 59/24	98 ୫ % ଟ	843 2%P	
LCS Sup	0.09	i. 49	mg/L	06/24/13 1 52 PVVH	990% R J 366 PPD	843 - 112 %P, 107 RP7	
Reference	9 35	Ç 1	rg/i.	65/24,13 1 1 52 2 NH	1 . 4 of 12	818 12 %P	

-aua-Tech Laboraturies (1.3) 535 Phi Gramm Blv 1 Siyan TX 7780\*

Analytical Report

Firm Levit 25 1774

Report Printed Work Order.

Received

7 9:13 10:01 W010895 06/18/13 10:45

Page 4 of 5

### BRIARCREEK % AQUATEXAS

### Inorganic Parameters (Bryan Facility) - Quality Control Report

Phosphorus as P	SM 4500-	P B 5 + E, 199	97, Ed Rev 2011				Batch M040605
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Blank	Ø Q5	-0 05	mg/L	06/24/13 15 14 BWS	Acceptable	< SQL	
Matrix Spike	0.50	9.53	mg/L	06/24/13 16 14 BWS	115 % R	68.7 120 %R	
Matrix Spike Dup	0.50	9 47	mg/L	06,24/13 16 14 BWS	14 % R 1 12 RPO	58 7 120 %R 15 4 RPC	
LCS	0.05	0.50	mg/L	06/24/13 16 14 BWS	100 % R	90 110 %R	
LCS Dup	0.05	0.50	mg/l	06/24/13 16 14 BWS	100 % R 0 320 RPD	90 - 110 %R 115 RPD	

Phosphorus as P	SM 4500-	PB5+E, 19	97 Ed Rev 2011				Batch M040740
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Blank	0,05	<0.05	mg/L	07/02/13 16 20 BWS	Acceptable	< SQL	
Matrix Spike	J 05	0.70	mg/L	07/02/13 16 20 BWS	110 % R	68 7 120 %R	
Matrix Spike Dup	9.05	9 69	mg/L	07/02/13 16 20 BWS	109 % R 4 52 RPD	68.7 - 120 %P   15.4 RPO	
LCS	0.05	0.48	mg/L	07/02/13 16:20 BWS	95 2 % R	90 110 %R	
LCS Dup	0.05	0 48	mg/L	07/02/13 16 20 BWS	96 5 % R 139 RPD	90 - 110 WR 7 (9 RPD	

### Sample Preparation / Extraction Summary

				D 55 /	1 200 4		C> E
Sample ID	Analyte	Prepared	Analyst	Prep Method	Initial	Final	Batch
W010898-01R3	1 Phosphogis as 9	7/2/13 9:45	BWS	SM 4500 P B5	50 mL	90 mL	M040740

BRIARCREEK % AQUATEXAS

### Analytical Report

-orm- SAH 050A)1 FIN

Report Printed:

7 9/13 10 01 W010896 06/18/13 10:45

Page 5 of 5

Work Order Received:

110470437

W010896 \$0-0-O

BRIARCREEK % AQUATEXAS

CACA "PECA ASSERT TO SAN TO SAN TO PECA ASSERT TO P

A Chiant, Gr 1.8协员

Start

Description

Page 1 of 1

Container List Composite Type

de expression de elugiores demonstratives de la federaç semp. Sember di de university de nellos de estadores de la conferención de la federación de la federaci VA ANIM POZGLP H2504 Grab - NW. ERNS A CSOO MP Prote SM 52 to B INEL! - N/A -Date Ime Date PHF Tor Special value R.S. - E(NEL) Brisionesk WWTP Erfluent A 188 NF CON SM 4803 G NELL WC10898-01

· STORESTEE	CUSTODY TRANSFER:					
571 - Aqua Nece Laboratones, fric.						Sample of as (12) 13.45
Matte designations set a Non-Fedable, DW = Uniting Water, St = Sofis	(info route and to continue to the continue to	January 🗍		Cute	-we	Card Gaber Funguage
	Rexist to from and sign)	DAIL, FIELD (FIELDER) DAIR		Date	imi	Carico, ne ses Received Carestina
Successfully indicated by [SUB] Name format;	te o'com and des seglet des and des a seglet a seg	refolipspilipson and the commonly	1,2	2		Contrary Transfer (Chicabo)
[FRE] = No MELAP confiltation required or available [PE+] = Prominational only (mot MELAC overland)	Helinquished by (p.ml.erid sign)	DATL FIELD	O Cllen:	Date		C (Cot.) C.3 621 (Runyacted
MELL = WELVP certified parameter  FIRS = WELVP certified subcontented parameter	Received by ignes and signi	DATI, Fred Cliant	[] Clant	Dale	Tine	C. Quarty, Source
Frequent tracking is evaluable upon request			nature (grade)			
<b>电影 化克勒克斯氏疗法分别的 外面的 医电子性电子性 医电子性 医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基</b>	THE PARTY OF THE PROPERTY OF THE PARTY OF TH		1	-		
			Mark Road Carpenting C	lon od	write below this	Do not write below this line (Leconatory Live order

DANNILE RECEIPT SUMMARY FOR WORK ORDER W010896

TR + Tenu Read, CT = Cuntocled Temp.

THE STATE OF THE S	LATLEN CLEAN	and C	Total	Section Color Programme
	LARRY Strawther	06/18/13	10:45	Service Company
Received by (anim and start)	© Lea	elec Coste	Time	O Second Distriction
Cla hot	Kelly Kukowski	06/18/13	10:45	Country Transfer Univolver
Temperature, "TB/CT"C: 22: 42	Sample condition good? Yes	ph Papar (D. Certaues	E-13ue9	-
Themoneter ID, CGS/7144	Preservation correct? Yes Pos	PossiPreservalives:	3/4	

CHAMINE COCHORAL

copigaqua-lechiabs.com

s. W. Squa-techtatis., with



## BRIARCREEK % AQUATEXAS

\$0-0-C

W010896

F10470437 Container List (Cfleckéd box indicales bottle armed in lab.) A AMM P 0 25LP H2SO4 6 Page 1 of 1 Composite Туре Crab Time N/A A CBOD NP Probe SM 5210 B (NEL) End - N/A -Date -Time`---Start Date P NP Tot Spec SM 4500 P B 5 + E [NEL] 10 Bracreek WWTP Effluent Description W010896 01 Lon III

Freed also by Samples to ATI, the creat agrees to the following terms. Samples will be attaiped by a method that is within ATL's NELAP fields of acceptation. Analysis requiring a certified method that is not within ATL's helds of acceptation will be analyzed by a compensate method. Stagming acceptation will be analyzed by a compensate method if a specific method is required to the subcontact above the contract of the subcontact above the contract of the subcontact above the contract of the subcontact and the subcontact above the contract of the subcontact and the contract of the subcontact and the contract of the subcontact above the contract of the subcontact and the subcon (I) IN NP AUTO SM 4500 G [NEU] 1 15 14th Ciray SIA 2540 D [NEL]

### SNOLLINITIONS

All - Aqua tech Laboratones Inc

Chaterk desi jirahums

Let Non Potable, DW = Drinking Water, St = Solid

An eyes Grideled

Cutte mitracted andicated by [SUB] Name format 14 DIETE INDICATES Austin all others Bryan or As a year Martix Technology-Method A VEQ. No. NL LAP certification required or available INV | - Informational only (not NELAC certified) | NELAL rentified parameter

1.005.1 = 146.1 AP certified subcontracted parameter

Read that hay is available upon request

### CUSTODY TRANSFER:

Rehequished by (print and sign)	Sampler	Cllem	Date	Time	Sample into x off that app pity
A STATE OF THE STA					Custody weated
Accessed by (oran and sign)	Class, Field	AIL Field Wafeleur Date	Date	Time	Received Stilled / Loep
And the second s			12		Usabay Transfer Unitoks
Relinquished by (print and sign)	☐ATL Field	Client	Date	/ Time	Red / O But / Rein, stand
A COMMANDE AND				<i>I</i>	Custody Stated
occurred by (Allik Bild digit)	□All Field □ Cilent	Clert	Date	euri	Rever a Crimed Presa
a manage day designations and the second of					Cowasty Tansfer Hibrary

Do not write below this line (Laboratory use only.

# SAMPLE RECEIPT SUMMARY FOR WORK ORDER W010896

ents	
овине	
3	

Temp
Corrected
3
)
Perent.
Ê
y No.

Relinquished by (print and sign)	ATI. Fleid Tilent	it Date	Time	Total College Street
A A	LARRY Strawther	06/18/13	10 45	Custon) Seates
Received by (print and sygn)	Tap (⊠ rap	Date	Time	Resident Chilles trail
Colle first	Kelly Kukowski	06/18/13	10.45	X susted, its rater drumsen
Temperature, *(B/c) °C 27722	Sample condition good? Yes	off Paper 10 06/35,59	6/35/a9	The contract of the contract o
Thermometer ID 0657744	Preservation correct? Yes	Post-Preservatives N/A	₹/ <b>/</b>	

( 1 1 Mist in Misso JOC 05021 \* 1pt

corp@aqua-techlabs corn

Post-Preservatives N/A

W WW and technolis com

# 

# BRIARCREEK % AQUATEXAS

W006415 # 0-0-0

1104/04371 (Checked box indicates bottle arrived in lan) Container List MA 18 %Moist 0, 1LP Page 1 of 1 Composite Grab Time ₹N. End - N/A Date Time 86:38 Start 6-26-13 Date Bitarcreek Digester Description 115 St (way SM20 2540 G (SUB) W006415-01 Lab

of the strong declines samples to A). The client agrees to the following terms. Samples will be analyzed by a method that is within ATL'S NELAP fields of accreditation. Analytes requiring a condition will be analyzed by the subcontract laps gleans. Other analytes not requiring accreditation will be analyzed by a congenical method that is certified for that method. Brain with the notified of the subcontract laps gleans. Other analytes not requiring accreditation will be analyzed by a congenical method if a specific method is required, we obsert with river the true.

### OFF INITIONS:

	SL	
poratones, Inc	Admy designations the Horr Potable DW ≈ Drinking Water, St.	
Arque Tech Laboratones, Inc.	Aattix designatic is tr <sup>9</sup> - Non-Potable - Pr	Analyses (Traered
S.	#¥ (4)	2

subcontracted, aidicated by [SUB] Name tomis A" pre-ta murcates Austin, all others Bryan or Finallysis Matrix Technology-Method TIPE (40 H) AP certification required or avaira [4] = informatio (a) only (not NELAC certified) (4) | ACT AP certified parameter (5) | AP certified subcontracted parameter

Peageof tracking is available upon request

### CUSTODY TRANSFER:

	Relinquished by (prin) and sign)					hidde trub ite X. out eldined
		Sampler Sampler	Clear	Date	Time	
Solid			-			Care and the state of the state
	Received by (print and sign.)	\$ 100 miles				Custody Sedled
		JATL Field	Clent	Dete	Time	Received : miles / lead
	The state of the s					Custady Transias Unbroken
	Dall Annual Control Control	/		, ,		Minimum options and a second of the second options and the second options are second or the second options and the second options are second or the second options are second options are second or the second options are second options are second or the second optio
able	remiquished by (pill) and sign)	MATL Field	大厦口	一人	Time	Lad / Colflet / Religiorated
				1		Custody Sealert
ă	Neceived by (print and sign.)	ATL Fleid	Cllent	Date	Turie	Received Claiked / load
				•		Uuslog Langter Unbrosen

WOOGATE
ORDER
OR WORK
SAMPLE RECEIPT SUMMARY FOR WORK ORDER WIGGETS
RECFIPT
SAMPLE

Cat's comments

d una ;
orrected
N=C
_
। स्टेल्ब्रा
Jema J
ina.

Do not write below this line (Laboratory use unly)

of Edittifither COC 030213 rat

į

www.aqua-techians 🗤 n

corp@aqua-techlabs com Post-Preservatives

Bryan Facility 635 Phil Gramm Blvd Bryan, TX 77807 (979) 778-3707 Fax (979) 778-3193



Austin Facility 7500 Hwy 71 W, Suite 105 Austin TX 78735 (512) 301-9559 Fax (512) 301-9552

### **Analytical Report**

Form SWH 080411 FIN

Report Printed: Work Order:

Received:

6/25/13 12:10 W011696 06/20/13 16:31

Page 1 of 5

BRIARCREEK % AQUATEXAS

Attn: DAVID RIPLEY

1106 Clayton Lane, Suite 400W

AUSTIN, TX 78723

	Collected By	Type	Matrix	C-O-C #
W011696-01 6/18/13 16	.05 CLIENT	Grab	Non Potable	265089

### **Briarcreek WWTP Effluent 1**

Inorganic Parameters (Austin Facility)

 Analysis
 SQL
 Result
 Units
 Analyzed
 Method #

 IEL
 Total Suspended Solids
 1
 2 Visual
 mg/L
 06/21/13 14 02 CAB
 SM 2540 D 1997

The above sample was received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR. Chapter I, Subchapter D, Part 136.3, TABLE II -Required containers, preservation techniques, and holding times, unless otherwise noted above.

The following prefixes to each analysis name indicate certification

NEL NELAC accredited parameter

NS Subcontracted to a NELAC certified testing facility
ANR Accreditation not required by the State of Texas

INFO For informational purposes only (not NELAC accredited or reportable to

TCEQ)

Report approved by June M Brien (Technical Director)

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories. Inc. holds accreditation from the State of Texas in accordance with NELAC / NELAP ( Certificate number T104704371-11).

The results in this report apply only to the samples analyzed. This analytical report must be reproduced in its entirety unless written permission is granted by Aqua-Tech Laboratories. Inc.

Aqua-Tech Lauurato les inci 635 Ph. Cramm 8'vd Brvan TX 7730"

BRIARCREEK % AQUATEXAS

Analytical Report

Form St. HURCH 1-M

Report Printed

6/25/13 12:10

Work Order Received W011696 06'20.13 16.31

Page 2 of 5

					OMMETTAL AND	-
Sample ID#	Collected	Collected By	Туре	Matrix	C-O-C #	
W011696-02	6,19,13 15.25	CLIENT	Grab	Non Potable	265089	

### Briarcreek WWTP Effluent 2

### Inorganic Parameters (Austin Facility)

	Analysis	SQL	Result	Units	Analyzed	Method #
NEL	Total Suspended Solids	1	<1 Visual	mg/L	06/21/13 14 02 CAB	SM 2540 D 1997

The above sample was received in acceptable condition according to Aqua-Tech Laboratories. Inc. procedures and 40 CFR. Chapter I Subchapter D. Part 136.3, TABLE II -Required containers: preservation techniques, and holding times: unless otherwise noted above.

The following prefixes to each analysis name indicate certification

NELAC accredited parameter

NS Supcontracted to a NELAC certified testing facility

ARR Accreditation not required by the State of Texas

INFO — For informational purposes only inot NELAC accredited or reportable to "CSQ".

Report approved by:

June M Brien (Technical Director)

leve M. Brien

The analyses summarized in this labor were performed by Aqua-Tech Laboratones and unless otherwise noted. Aqua-Tech Laboratones inclino dislated from the State of Texas in accordance with NELAC INELAP IDeditions number T104704317-1.

The results in the aport application to the samples and just deliberation to the samples and its entirety unless wither permission is granted by with approximate and in the samples and



k.j. a-Teun Lebbrad 16 - 1 808 Phi Granth Blvd Bran TX 17307

BRIARCREEK % AQUATEXAS

Ana ytical Report

т \$ уч - - - - - - - - - - - -

Report Printed: Work Order

6 25,13 12:10 W011696

Received

05/20/13 15 01

Page 3 of 5

And the state of t												
Sample ID#	Collected	Collected By	Туре	Matrix	C-O-C #							
W011696-03	6/29/13 14 29	CLIENT	Grab	Nor Potable	255089							

### Briarcreek WWTP Effluent 3

Inorganic Parameters (Austin Facility)

	3					
	Analysis	SQL	Result	Units	Analyzed	Method #
NE.	Total Suspended Solids	1	<1 /isual	mg L	06 21 13 14 02 CAB	SM 2540 J 199

The above sample was received in acceptable condition according to Aqua-Tech Laboratories. Inc. procedures and 40 CFR. Chapter I Subchapter D. Part 136.3. TABLE II -Required containers preservation techniques, and holding times, unless otherwise noted above

The following prefixes to each analysis name indicate perhipation

NEU NEUAC accided parameter

Subcontracted to a NELAC pertified testing facility

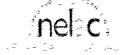
ANR Accreditation not required by the State of Texas

NEC For informational purposes only inut NELAC accreuted or reportable to

kne M. Brien Report approved by June M. Brien (Technical Director)

Tile and vises summarized in this report were performed by Aqua-Tech Lacoratories inhit thess otherwise noted. Abua-Tech Labo afores individes and builts on from the Siate or Texas in andordance with NBL4D INBL4P Cerrication in premiir 4104001 in

The result in the roph mappy in you the samples and vicen. This and initial recurrings to less than her mission is granted to Angeria to an arr at 2



Adva-Tech Laby atones (III) 615 Phil Graium Bivd Srvan Tit 77611

Peport Printed

6/25/13 12 10

Analytical Report

Work Order Received 6/25/13 12 10 W011696 06/20 13 16 31

Page 4 of 5

### BRIARCREEK % AQUATEXAS

### Notes and Definitions

/ sual - visual inspection done to confirm analytical results

NP Not Reported

RPE Relative Percent Difference

% R Percent Recovery

dry Results with the 'dry' unit designation are reported on a dry weight' basis

SQL The SQL (Sample Quantitation Limit) is the value below which the chemical of concern cannot reliably be detected. The SQL

includes all sample dilutions and rior concentrations and is a function of the MQL (Method Quantitation Limit)

All samples are reported on an 'as received' basis unless the designation 'dry is added to the reported unit

Copies of Aqua-Tech Laboratories Inc. procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories. Inc. personner unless otherwise noted in the "Collected By" field of this report as "Client" or "CLT".

Any subcontracted data summarized in this report is indicated by the S-01 qualifier. A copy or the original report from the subcontract laboratory is available upon request.

### Inorganic Parameters (Austin Facility) - Quality Control Report

Total Suspende	o Solids - SA	1 2540 D, 199	7				Batch M04059
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
3lank	Ť	~ 1	mg/L	06 21 13 14 02 CAB	Acceptable	< SQL	
Duplicate	17	160	mg/L	06/21 13 14 02 048	1 04 RPD	13 5 RPD	
Reference	10	97	mg/_	06/21/13 14 02 CAB	970 % ₹	86 8 - 104 %₽	

### Sample Preparation / Extraction Summary

Sample ID	Analyte	Prepared	Analyst	Prep Method	initial	Finai	Batch

Report Printed
Work Order

Received

6/25/13 12.10 W011596 J6 20/13 16.31 Page 5 of 5

BRIARCREEK % AQUATEXAS

University of the state of the Died Cang inhill h THE THE PART HAT BEEN TO THAT BEEN WHITE SAME SAME WILL BEEN TO THE WHEN AGAINED WHAT THE OFFICE OF THE PART HAT THE PART 11 Teles TE TE 130420433 بر الرائح الرائح LAB USE ONLY (ANY SEE 133 contract Sub 4 Bottle Pari aburate y continuits Clucker 35 Cart Comments 5 Seld Analysis Requested GPU Jung Hange thrace. # O-O-C Email sous@acup bed lags,ctm DEFN 10 to CW LINES WAR Tarage Tarage 7503 W 19ay 71, 5une 185 Client Address and Pagalle # D 1930 Chied Thing Colors of the Colors of t PROJE (2012) 2011 9(559 Austin Fexas (3/Jb Ser prefers Cuntainer Fyl s U Caledase to Cuntainer ment of the B y look ( L. E. College by Standade and Standade and Standade of Veluma 7 (Fritz) Sample Matrix\* 所のイ Flow Home (all a) 778, 3777, 7 Cun perito to 9 Phil Guerre 6 at 1 av , 458 178 3 53 than teras rador Biyan Lab . ت End Date / Tings 5.8 3 matters ANTI- PROPERTY APPLE 0 item of Custody & Analysis Request Jana - Jech Ŧ Cate / Thrus Time Otto is highersonan ENSOM " " 18 co think going a part Literal Sample 10 it, d'Sample ID MH ?

Bryan Facility: 635 Phil Gramm Blvd Bryan, TX 77807 (979) 778-3707 Fax (979) 778-3193

BRIARCREEK % AQUATEXAS

1106 Clayton Lane, Suite 400W

Attn: DAVID RIPLEY

AUSTIN, TX 78723



Austin Facility: 7500 Hwy 71 W, Suite 105 Austin, TX 78735 (512) 301-9559 Fax (512) 301-9552

### **Analytical Report**

Form. SWH 080411 FIN

Report Printed: Work Order:

7/4/13 8:01 W011273 06/26/13 10:10

Page 1 of 3

Received:

Sample ID#	Collected	Collected By	Type	Matrix	C-O-C #
•		•	Grab	Non Potable	W011273
W011273-01	6/26/13 8.45	CLIENT	Ciab		

### Briarcreek WWTP Effluent

	ganic Parameters (Austin Facil Analysis	SQL	Result	Units	Analyzed	Method #
NEL	Carbonaceous BOD (5 day)	1	1	mg/L	06/27/13 07:45 CAB	SM 5210 B, 2001
NEL	Total Suspended Solids	1	<1	mg/L	06/27/13 11:02 NG	SM 2540 D, 1997
NEL	Phosphorus as P	0.06	0 46	mg/L	07/01/13 13:55 NG	SM20 4500-P B.5 + E
Inor	ganic Parameters (Bryan Facill	ity)				
	Analysis	SQL	Result	Units	Analyzed	Method #
NEL	Ammonia as N	0,05	<0.05	mg/L	07/01/13 12:21 PWH	SM 4500 NH3 G, 1997

The above sample was received in acceptable condition according to Aqua-Tech Laboratories, Inc. procedures and 40 CFR, Chapter I, Subchapter D, Part 136.3, TABLE II.-Required containers, preservation techniques, and holding times, unless otherwise noted above

MEGETVE 1 11 00 mil

BY: -----

The following prefixes to each analysis name indicate certification:

NEL NELAC accredited parameter

Subcontracted to a NELAC certified testing facility NS

Accreditation not required by the State of Texas ANR

For informational purposes only (not NELAC accredited or reportable to

INFO

M. Buin

June M Brien (Technical Director)

The analyses summarized in this report were performed by Aqua-Tech Laboratories, Inc. unless otherwise noted. Aqua-Tech Laboratories, Inc. holds accreditation from the State of Texas in accordance with NELAC / NELAP ( Certificate number T104704371-11)

The results in this report apply only to the samples analyzed. This analytical report must be reproduced in its entirety unless written permission is granted by Aqua-Tech Laboratories, Inc.

Aqua-Tech Laboratories Inc. 635 PM Gramm Bild Bryan TX 77801

BRIARCREEK ", AQUATEXAS

### Analytical Report

-- + 3 VH 1934 + FW

Report Printed\*
Work Order

7/4,13 8:01 W01127.3

Received.

06/26/13 10:10

Page 2 of 3

### Notes and Definitions

NR Not Reported

RPC Relative Percent Difference

% R Percent Recovery

dry Results with the dry" unit designation are reported on a "dry weight" basis

SQL The SQL (Sample Quantitation Limit) is the value below which the chemical of concern cannot reliably be detected. The SQL

includes all sample dilutions and i or concentrations and is a function of the MQL (Method Quantitation Limit)

All samples are reported on an "as received" basis unless the designation "dry its added to the reported unit

Copies of Aqua-Tech Laboratories inci procedures and individual sampling plans are available upon request. Note that samples are collected by Aqua-Tech Laboratories, inci personnel unless otherwise noted in the "Collected By" field of this report as "Client" or "CLT"

Any subcontracted data summarized in this report is indicated by the S-31 qualifier. A copy of the original report from the subcontract laboratory is available upon request.

### Inorganic Parameters (Austin Facility) - Quality Control Report

Carbonaceous 30	00 (5 day)	SM 5210 B.	2001				Batch M040678
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Seed Blank	1	~ 1	mg/L	06/27/13 07 45 CAB	Acceptable	< SQL	
Duplicate	39	153	mg/L	36/27/13 07 45 CAB	5,10 RPD	26 9 RPD	
GG Acid 198	1	188	mg/L	06/27/13 37 45 CAB	93 9 % R	84 S - 115 %R	
Phosphorus as P	- SM20 450	0-P B 5 + E	· · · · · · · · · · · · · · · · · · ·	tion and assessment and the translation of the state of t	e arrection and a brownian south sixty and distribution in the sixty of the sixty and		Batch M040741
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Blank	0.05	<0.05	mg/L	07/01/13 13 55 NG	Acceptable	< SQL	
Matrix Spike	0.05	ost	mg/L	37/01/13 13 55 NG	85 5 % P	71 5 122 %R	
Matrix Spike Dup	0.05	0 63	mg/L	37/01/13 13.55 NG	89 2 % R 4 20 RPD	71,3 - 122 %R 20 RPD	
LCS	0.75	<b>ว</b> รล	mg/L	07/01/13 13:55 NG	101 % R	86 9 - 1 2 %R	
LOS Dup	0 95	0.52	mg/L	37,01/13 13 63 NG	105 % R 3 57 RPD	86 9 112 %R 20 RPJ	
Total Suspended S	Solids - SM	2540 D 1997					Batch M040682
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Flag
Slank	1	<1	rng/L	06/27/13 11 02 NC	Acceptable	< SQL	Company of the second s
Duplicate	1000	6790	mg/L	06/27/13 11 02 NG	1 50 RPD	13.5 RPD	
Reference	16	90	mg/L	96/27/13 11-02 NG	9n p % 9	86 8 - 104 %R	

### Inorganic Parameters (Bryan Facility) - Quality Control Report

Ammon a as N - S	V 4500 NH	(3 G, 1997					Batch M040747
	SQL	Result	Units	Analyzed	QC Check	QC Limits	QC Frag
Blank	0.05	-C 05	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	07,01/13 12:21 P NH	Acceptable	< SQL	
Matrix Spike	0 05	1.21	mg/L	07/01/10 12.21 P WH	107 % ₽	8C 1 - 126 %F	
Matrix Spike Dup	0.05	1 20	mg4L	J7/01/13 12:21 FWH	135 % R. 205 RPC	80 1 - 120 %R 4.74 PPC	
LCS	ა,ე≄	5 <u>2</u>	mg/L	27/01/13 12 21 PWH	05 % P	843 - 12 %R	
LCS Dup	0.05	0.52	ng L	17/01/13 12 21 PWH	104 % R 8 303 RPD	84 3 - 117 MP 10 T RPC	
Reference	0.75	0.40	74	57/01/13 1121 PV /h	87.5 % R	518 12 %R	

### Sample Preparation Extraction Summary

Quin pie in	m alyte	Pr.Jar-1			n tea	Fra	Par
principle and the characteristic and the control of	大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大大	control transmission of the manifestation and it has been absolute to the second	A CONTRACTOR OF THE PARTY OF TH		والهاج والمراجع والمعاولات والمعاولة والمنازية والمساولة والمارية والمارات والمارات والمارات والمارات	والمعاومة والمعاونة	Committee of the control of the cont
-	Fine all and T			08 2 0 5 51			A A

BRIARCREEK % AQUATEXAS

orin. 3WH J804

Report Printed Nork Order

7 4:13 8.01 W011273 06/26/13 10:10 Page 3 of 3

Received

Description  Start  Date Time Composite to the Type to	100 - 100 A AUGH TY 78788 100 - 100 A AUGH A H 12501 1958 100 A AUGH A	### Auchin TX 87.35  #### Auchin TX 87.35  ### PH 572.50.1 96.59  *** *** ****************************	BRIARCREEK % AQUATEXAS	% AQUATEXAS		C-O-C# W011273 Page 1 of g	
A 185 NP Grav SM 2540 PRELE NIRTHER FALLS SIZEGO (SIZEGO (SIZE	Ď	- uoidinase	Stan	End	Composite	Container Lis	116470457
A 765 WP Grav SM 254 D PURITE MISH PIR AND SIZE OF DPIRITE MISH PIR AND SIZE OF DPIRITE	And the second representation of the second	instructure comprehensional annual comprehensional comprehensional and the comprehensional comprehensional and the comprehensional comprehensi		-	edá	(Undesotten natioales bottle au	este iss
A YOS MP GRAV SA 2646 D PURT! HIGH RIP AND SIA 450 G [ME]]	aprilation of the state of the	R VETST CHIEFL	6-26-13 8:45	TO THE PARTY AND	Grab	TA AUM POZE P 10304	· Marian de la companya de la compan
	A COUNTY PRODE SIN SON BINELL PROTECTION SINCE SINCE SINCE	A 185 MP Grav SAN 2640 D PUR	The second secon	NO SIZINGO GINELI	-	LA CHOD TSS AR	ŧ
	oli kapance el manes neu	not and on the Companies of many configuration of contract of the configuration of the second of the Companies of the configuration of the second of the configuration of the second of the configuration of the second of the configuration of	traction was expensed office and contraction of the	the extraction countings of	Da Riskand by a princ	The design prime of the contract of the contra	A SCHOOLIST OF ALL The Cistor will raile

Client Comments

THE PACE CONTRACT INC.	Management of the contract of	The state of the s	The street of the street, or special section and			Cold to the Line of the Line of the Co.
11 John designations Pr≥≠ 8 m Poladde DW = Enticking Water St. = 5,563	STATE FAIR WAY IN A PROPERTY.	Semple:	Ē	Cate	Time	C Guerra Seem
andyseks independ  Frehx indicates Austin all others Bryan or the online has, were also by [38,19]. Name hamet	Received by loant and signs	DAM Flats	Ctern	Dale	Tine	Parented Childs (1980)
renes natur tecnnology-dernos AZDES - No Az LuD cedification requises or available [PB] — Incomational only (act NELAC) centified.	िर्धातपुरंशेस्त्र हैं। प्रमान बन्त हुवा,	Uath fen	Tuesto		Tura	Exatonital Mylegs etc
마스 사고 프로스MP certified parameter - 나라 a 'VELSM' certified subcontracted parameter 작고 John racship b available upon repussi	स्टिस्टिपट्ट युप्तामा द्वारा अप्रुक्त	Ray 11V[]	C) Cherg	## REG		Contany Seeled  Repense Contant Tous

Control of the Contro Freemantone ingt 10.10 #0:10 IMB First pH Paper ID. 0643889 Post-Presentatives NA. 06/26/13 06/26/13 416 Jak. To the Ter 🔀 Bernny Hum Kristin Torres Sample condition good? Yes Preservation correct? Yes C ARLFIELD Temperature, 'TR/CT 'C, 23/21 Thernacmeter ID: 0557744 | helyfylished by (print and sign) The birt and self in でする 12 Team Read Circomage Temp

SAMPLE RECEIPT SUMMARY FOR WORK ORDER WOLLZ73

A LA PASSA CONTRACTOR A CONTRACTOR OF THE STATE OF THE ST

i

comp@equa-tacxilabe com

รายกา สถุนล-ระบาโฟะ 53, " (เกก



## BRIARCREEK % AQUATEXAS

W011273 # O-O-O

Page 1 of 1



1104704371 (Checked box indicates bottle arrived in lab) J Container List LA AMM P 0 25LP H2SO4 Composite Grab End<sub>er</sub> Time - N/A -NH3N NP AUTO SM 4500 G [NEL] - N/A -Date 8.45 Time Start 6-26-13 Date A ISS NP Grav SM 2540 D [NEL] bnarcreek WWTP Effluent Description P. H.P. Tol. Spec. Std 4500 P. B. 5 + F (NFL) A J BOID NP Probe SM 5210 B [NEL] W011273-01 Lab ID

The chaptering the above samples to Air. The client agrees to the following terms. Samples will be analyzed by a method that is within AIL's NELAP fields of accreditation. Analyzes requiring a certified method that is not within AIL's fields by a method acceptation will be analyzed by a compensation will be marked by a compensation by analyzed by a compensation become an analyzed by a compensation become and a specific method is required the relevant will be the subcontraction. A current list of AIL's NELAP fields of acceptation and other methods are available on request.

Gient Comments:

1 ¥
(7)
-
.Chees
$\circ$
3930
Person
-
Z
-
مشد
تبشا
-

Author Tech Laboratories, Inc.

Can Potable DW = Drinking Water St = Soil alot is designations

Antalyses (Indened

\*\* DIFFER INDICATES AUSTIN, all others Bryan or subsectional Administration indicated by [SUB]. Name format. ANTANAS Matrix Fechnology-Method FART HARP certification required or available fig. 1. Informational only (not NELAC certified)
FART FIRE CERTIFIED parameter.
IS TREE MELAP certified subcontracted parameter.

Examination of the second o

3 %	
•	
77	
-	
ь,	
KANSFER:	
÷	
-	
α,	
~	
_	
_	
-	
~	
~	
_	
מ	
~	
COSTODY	
- آب	

A CANADA CAN	فيديد والشفريق واويت متعدن هذرانه والوجرة جروبها والمساحدة متعديدة والمساحدة والمساحدة والمساحدة والمساحدة				Sandone File Trail that apply by
Relinquished by (print and sign)	Sampler	Clenr	Date	fire	Toud Chilled Attagerated
					State of States
Received by (print and sign)	DATL Freid	☐A1L Field ☐ Chent	Date	fine	Received Citilled / Loud
destrois Mallides des de destrois de destrois de commente seutre parties, commencementes — sobre messo					Custody Transfer Unbrahem
Commission of the Commission o			hor promo		
Reinquished by (print and sign)	MATL Field		Date	) Time	G ised/Chilled/Refrigerated
ar Henele Medill Juli Hard Indylaka ali ayon yipiniya di toqqan qifi aqili bir ilkamiya ona asoon. Essa	And the state of t	,	/	18/1×	Custody Sealed
Received by (print and sign)	ATL Field	Olent	Date		Freceived Chilles / Icca
en de					Destoay Transfer Unaraker
			The same of the sa		Contract of the Contract of th

Do not write below this line (Laboratory use ordy)

# SAMPLE RECEIPT SUMMARY FOR WORK ORDER W011273

Let comments

(R - Temp Pead C1 - Conected Temp

Benny Hunn 06/26/13 10 10	Relinduished by (print and sign)	☐ ATL Freid ☐ Clent	Date	enn-	the etale training and
	Oerm Our	Benny Hunn	06/26/13	10.10	Dayseas, Costa 1
Kristin Toures   06/26/13   10 10	Received by (print and sign)	X tab	Date	lime	Reversed hirestices
		Kristin Torres	06/26/13	10 10	Costody training of 10 Notice

Temperature \*TR/CT °C, 22/21 Thermometer ID: 0657744

Sample condition good? Yes

₹ Z pH Paper ID

Post-Preservatives Preservation correct? Yes

corp@aqua-techlabs con:

FIRM PRINCIPAL COLOC SUPERIOR

WWW ALLS-FE 18 IS LOW

gerri

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 May 21, 2013

### CERTIFIED MAIL # 91 7199 9991 7031 8234 2981 RETURN RECEIPT REQUESTED

Mr. Steve Blackhurst, Compliance Manager Aqua Utilities 1106 Clayton Ln., Suite 400W Austin, TX 78723

	ec	<u> </u>	Į	<b>W E</b> 2013	
	MAY	9	4	2013	
8	Y:	<b>20 10 1</b>	***		9884

Re:

Notice of Violation for Compliance Evaluation Investigation at: Briar Creek WWTP, Briar Creek Loop, near Manor (Travis County) Regulated Entity No.: RN102343035, TCEQ ID No.: WQ0014061-001,

Investigation No.: 1085055

Dear Mr. Blackhurst:

On April 11, 2013, Michael Daniels of the Texas Commission on Environmental Quality (TCEQ) Austin Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for wastewater treatment. Enclosed is a summary which lists the investigation findings. In addition, a certain outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by June 24, 2013, a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violation.

In the listing of the alleged violations, we have cited applicable requirements, including TCEO 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 Austin Region Office at 512-339-2929 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. Self-reported violations may be subject to enforcement, including penalties, upon review by the Enforcement Division. 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 Austin Region Office within 10 days from the date of this letter. At that time, Ms. Shea Cockrell will

Mr. Steve Blackhurst Page 2 May 21, 2013

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 Mr. Daniels in the Austin Region Office at (512) 339-2929.

Sincerely,

Shea Cockrell

Water Program Work Leader

Austin Region Office

SKC/mjd

cc:

Mr. Abel Bautista, Compliance Coordinator, Aqua Texas, 2211 Louetta Rd., Spring, TX 77388 (include Summary of Investigation Findings)

Ms. Jerri Strain, Field Supervisor, Aqua Texas, 1502 San Juan Dr., Austin, TX 78733 (include Summary of Investigation Findings)

Enclosure: Summary of Investigation Findings

### Summary of Investigation Findings

**BRIAR CREEK WWTP** 

Investigation #

1085055 Investigation Date: 04/11/2013

, TRAVIS COUNTY,

Additional ID(s): TX0117315

WQ0014061001

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

Track No: 498219

Compliance Due Date: 06/24/2013

30 TAC Chapter 305.125(1)

PERMIT WQ0014061001, Page 2, Item 1

**Effluent Limitation** 

Alleged Violation:

Investigation: 1085055

Comment Date: 05/20/2013

Exceeded TSS effluent limit for daily maximum and daily average. On February 25, 2013, the TSS was 21 mg/L, and the daily maximum limit for TSS is 20 mg/L. The TSS daily average for February was 8.25 mg/L and for March was 10.0 mg/L. The daily average limit for TSS is 5 mg/L.

It was determined that the sand filter was not operating properly and it was taken out of service for repairs. Until the sand filter is repaired and returned to service, the facility will likely continue to have TSS effluent violations.

Recommended Corrective Action: Ensure that effluent limits are consistently met. Provide copies of monthly DMRs, lab results, and non-compliance reports to the TCEQ Austin Region Office until compliance is achieved. Also, provide a copy of the corrected February 2013 DMR.

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

Track No: 502306

2D TWC Chapter 26.121(a)

2D TWC Chapter 26.121(a)(1)

2D TWC Chapter 26.121(a)(3)

2D TWC Chapter 26.121(b)

2D TWC Chapter 26.121(c)

2D TWC Chapter 26.121(d)

2D TWC Chapter 26.121(e)

30 TAC Chapter 305.125(4)

30 TAC Chapter 303.125(4)

30 TAC Chapter 305.125(5)

TWC Chapter 26.121

TWC Chapter 26.121(a)(2)

PERMIT WQ0014061001, Page 7, Item 2g

Permit Condition

Alleged Violation:

Investigation: 1085055

Comment Date: 05/17/2013

Failed to prevent an unauthorized discharge. On December 30 and 31, 2012, an estimated 28,000 gallons of wastewater discharged from the WWTP due to a controls failure at the influent lift station. In addition, the autodialer did not work properly.

**Recommended Corrective Action:** Ensure that equipment and alarms are functioning properly to prevent unauthorized discharges.

Resolution: Wastewater Transport Services cleaned up the spill and disinfected the area. An

electrical contractor replaced the phase monitor and repaired the floats. The autodialer was replaced.

### ADDITIONAL ISSUES

### Description

Mechanical filtration (sand filters, porous media filters, etc.)?

### **Additional Comments**

The sand filter was off-line for repairs at the time of the investigation. The filter had been off-line for more than a month waiting on parts. The filter should be returned to operation as soon as possible.

Are the analytical results consistent with data
There were errors on the DMRs. The single grab reported on the DMRs and MERs?

There were errors on the DMRs. The single grab maximum for ammonia-nitrogen was over-reported.

There were errors on the DMRs. The single grab maximum for ammonia-nitrogen was over-reported several times due to an Excel Spreadsheet error. There was also an error reporting the TSS daily average concentration on the February DMR. Action should be taken to ensure accurate effluent results are reported on DMRs. Copies of laboratory results and DMRs will be sent to the TCEQ Austin Region Office to resolve the effluent violation and to verify that effluent results are being reported accurately.

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

December 15, 2013

### CERTIFIED MAIL NO: 91 7199 9991 7032 8273 2194 RETURN RECEIPT REQUESTED

Mr. Troy Penshorn, Regulatory Compliance Manager Aqua Texas, Inc. 1106 Clayton Lane, Ste 400W Austin, Texas 78723

Re:

Additional Compliance Documentation Needed for Investigation No. 1054493:

Aqua Vista Utilities, Kerr County, Texas

Regulated Entity No.: RN101282747, TCEQ ID No.: 1330062

Investigation No.: 1124016

### Dear Blackburst:

The Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office has received the compliance documentation that you submitted March 29, 2013 & September 25, 2013 for the alleged violations noted during the investigation of the above-referenced facility conducted on November 28, 2012. The compliance documentation contained in your response appears to indicate that some of the problems documented during the investigation have been corrected. However, information is still needed for the alleged violations listed in the enclosed summary. Please submit to our office by March 15, 2014, a written description of corrective action taken and the required compliance documentation demonstrating that the remaining alleged violation has been resolved.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to protect the State's environment. We look forward to receiving your response for the remaining alleged violations. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements.

If you or members of your staff have any questions, please feel free to contact Ms. Stacy Tanner at the San Antonio Region Office at (210)403-4078.

Sincerely,

Onv Dlute leek

Joy Thurston-Cook

Water Section Team Leader San Antonio Region Office

JTC/st/

Enclosure: Summary of Investigation Findings

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

### Summary of Investigation Findings

**AQUA VISTA UTILITIES** 

Investigation #

1124016 Investigation Date: 10/16/2013

, KERR COUNTY,

Additional ID(s): 1330062

### **OUTSTANDING ALLEGED VIOLATION(S)**

Track No: 374938 Compliance Due Date: 03/15/2014

30 TAC Chapter 290.46(m)(4)

Alleged Violation:

Investigation: 767411 Comment Date: 08/28/2009

Failure to maintain both the 0.020 MG ground storage tanks and the 0.0025 MG pressure tank in a watertight condition. All of these tanks were observed having water leaks.

Investigation: 1054493 Comment Date: 01/22/2013

Failure to maintain watertight conditions.

At the time of the investigation the pressure tank located on Mountain Way that was previously noted as leaking was offline. However, the ground storage tank located on Mountain Way was still leaking.

290.46(m)(4) All water treatment units, storage and pressure maintenance facilities, distribution system lines, and related appurtenances shall be maintained in a watertight condition and be free of excessive solids.

Investigation: 1124016 Comment Date: 11/07/2013

This violation still remains outstanding. Mr. Jeff J. Kallus, P.E., of Southwest Engineers, advised that the plans are to currently abandon the use of that plant and demolish the ground storage and pressure tank. The Water Plant improvement request was submitted to the Public Drinking Water Plan and Technical Review Team on 09/20/2013.

**Recommended Corrective Action:** Provide by the compliance due date, documentation demonstrating that the leaking ground storage tank has been repaired or replaced in accordance with the requirements.

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



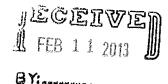
### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 4, 2013

### CERTIFIED MAIL NO: 91 7199 9991 7031 3432 2849 RETURN RECEIPT REQUESTED

Mr. Steve Blackhurst, Environmental Compliance Manager Aqua Texas, Inc. 1106 Clayton Lane, Ste 400W Austin, Texas 78723



Re:

Notice of Violation for Compliance Evaluation Investigation at:

Agua Vista Utilities, Kerr County, Texas

Regulated Entity No.: RN101282747, TCEQ ID No.: 1330062

Investigation No.: 1054493

### Dear Mr. Blackhurst:

On November 28, 2012, Ms. Stacy Tanner 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 the public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, some concern were noted which were alleged noncompliances that have been resolved on subsequent corrective action. In addition, a certain outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by March 28, 2013 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violation.

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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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 violation 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 Program, Ms. Lynn Bumguardner will

Mr. Steve Blackhurst, Environmental Compliance Manager February 4, 2013 Page 2

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 Ms. Tanner in the San Antonio Region Office at (210) 403-4078.

Sincerely,

Joy Thurston-Cook

Water Section Work Leader San Antonio Region Office

JTC/smt/eg

Enclosure: Summary of Investigation Findings

### **Summary of Investigation Findings**

**AQUA VISTA UTILITIES** 

Investigation #

1054493 Investigation Date: 11/28/2012

, KERR COUNTY,

Additional ID(s): 1330062

### **OUTSTANDING ALLEGED VIOLATION(S)**

Track No: 374938

Compliance Due Date: 05/13/2013

30 TAC Chapter 290.46(m)(4)

**Alleged Violation:** 

Investigation: 767411

Comment Date: 08/28/2009

Failure to maintain both the 0.020 MG ground storage tanks and the 0.0025 MG pressure tank in a watertight condition. All of these tanks were observed having water leaks.

Investigation: 1054493

Comment Date: 01/22/2013

Failure to maintain watertight conditions.

At the time of the investigation the pressure tank located on Mountain Way that was previously noted as leaking was offline. However, the ground storage tank located on Mountain Way was still leaking.

290.46(m)(4) All water treatment units, storage and pressure maintenance facilities, distribution system lines, and related appurtenances shall be maintained in a watertight condition and be free of excessive solids.

Recommended Corrective Action: Provide by the compliance due date, documentation demonstrating that the leaking ground storage tank has been repaired or replaced in accordance with the requirements.

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 374929

30 TAC Chapter 290.46(v)

Alleged Violation:

Investigation: 767411

Comment Date: 08/28/2009

Failure to have all electrical wiring securely installed in compliance with a local or national electrical code. Specifically the power supply wiring going into the top of the well head needs

to be installed in a securely mounted conduit. Investigation: 1054493

Comment Date: 01/22/2013

Failure to have all electrical wiring securely installed in compliance with a local or national electrical code. Specifically the power supply wiring going into the top of the well head needs to be installed in a securely mounted conduit.

Recommended Corrective Action: Have the electrical power supply wiring going into the top of the well mounted inside a securely mounted conduit.

Please submit to this office by the Compliance Due Date, photographs or invoices documenting that the electrical power supply wiring for the well is installed inside a securely mounted conduit.

Resolution: At the time of the investigation all electrical wiring was securely installed in compliance with a local or national electrical code. Specifically, the power supply wiring going into the top of the well head.

### **AQUA VISTA UTILITIES**

Track No: 374940

30 TAC Chapter 290.43(d)(3)

Alleged Violation:

Investigation: 767411 Comment Date: 08/28/2009

Failure to maintain a device to readily determine air-water-volume for all pressure tanks

greater than 1,000 gallon capacity.

Investigation: 1054493 Comment Date: 01/22/2013

Failure to maintain a device to readily determine air-water-volume for all pressure tanks greater than 1,000 gallon capacity.

**Recommended Corrective Action:** Install a site glass or other device to readily determine the air-water-volume for the 0.0025 MG pressure tank.

Please submit to this Office by the Compliance Due Date, photographs or invoices documenting that the site glass or other device for determining the air-water-volume in the 0.0025 MG pressure tank has been installed.

**Resolution:** At the time of the investigation the 0.0025 MG pressure tank had been taken offline.

Track No: 374945

30 TAC Chapter 290.43(c)(4)

Alleged Violation:

Investigation: 767411 Comment Date: 08/28/2009

Failure to provide a water level indicator on the elevated ground storage tank.

Investigation: 1054493 Comment Date: 01/22/2013

Failure to provide a water level indicator on the elevated ground storage tank.

**Recommended Corrective Action:** Install a water level indicator on the elevated ground storage tank. The indicator can be a float with a moving target, an ultrasonic indicator or a pressure gauge calibrated in feet of water.

Please submit to this Office by the Compliance Due Date, invoices or photographs documenting that you have installed a water level indicator on the elevated ground storage tank.

**Resolution:** At the time of the investigation the water level indicator was provided for the elevated ground storage tank.

Track No: 374946

30 TAC Chapter 290.41(c)(3)(J)

Alleged Violation:

Investigation: 767411 Comment Date: 08/28/2009

Failure to have a concrete sealing block extending at least three feet from the well casing in all directions, with a minimum thickness of six inches and sloped to drain away at not less than 0.25 inches per foot. There was a sealing block around the well head, however the thickness was in question, it did not appear to have any slope and it had numerous cracks in it

Investigation: 1054493 Comment Date: 01/28/2013

Failure to have a concrete sealing block extending at least three feet from the well casing in all directions, with a minimum thickness of six inches and sloped to drain away at not less than 0.25 inches per foot. There was a sealing block around the well head, however the thickness was in question, it did not appear to have any slope and it had numerous cracks in it.

Recommended Corrective Action: Provide a sealing block in accordance with the previously

described specifications.

Please submit to this Office by the Compliance Due Date, photographs or invoices documenting that a properly constructed concrete sealing block has been installed around the well head.

**Resolution:** At the time of the investigation, a properly constructed concrete sealing block had been installed around the well head.

Jan

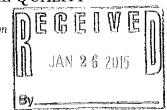
Bryan W. Shaw, Ph.D., P.E., Chairman Toby Baker, Commissioner Zak Covar, Commissioner Richard A. Hyde, P.E., Executive Director



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 23, 2015



### CERTIFIED MAIL NO.: 91 7199 9991 7034 4997 0889 RETURN RECEIPT REQUESTED

Mr. Scot Foltz, Environmental Compliance Manager Aqua Utilities, Inc. 1106 Clayton Lane, Ste 400W Austin, Texas 78723

Re:

Notice of Violation for the Comprehensive Compliance Investigation at:

Deerwood Subdivision, Goehmann Ln. north of Hwy 290, Gillespie County, Texas

Regulated Entity No.: RN101233849

TCEQ ID No.: 0860098, Investigation No.: 1211059

Dear Mr. Foltz:

On November 18, 2014, Ms. Stacy Tanner 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, one outstanding alleged violation was identified for which compliance documentation is required. Please submit to this office by May 23, 2015, a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violation. At this time, your public water supply continues to merit recognition as a "Superior" system.

In the listing of the alleged violation, 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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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 violation 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 violation 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, Ms. 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 Region 13 • 14250 Judson Rd. • San Antonio, Texas 78233-4480 • 210-490-3096 • Fax 210-545-4329

Mr. Scot Foltz, Environmental Compliance Manager January 23, 2015 Page 2

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 violation.

If you or members of your staff have any questions, please feel free to contact Ms. Tanner in the San Antonio Region Office at (210) 403-4078.

Sincerely,

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

JTC/ST/eg

**Enclosures:** Summary of Investigation Findings

### Summary of Investigation Findings

DEERWOOD SUBDIVISION

Investigation #

1211059 Investigation Date: 11/18/2014

, GILLESPIE COUNTY,

Additional ID(s): 0860098

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

Track No: 557921 Compliance Due Date: 05/23/2015

30 TAC Chapter 290.39(e) 30 TAC Chapter 290.39(h)(1) 30 TAC Chapter 290.46(n)(1)

### Alleged Violation:

Investigation: 1211059

Comment Date: 01/08/2015

Failure to submit and acquire approval of as built engineering plans prior to operating a public water supply.

At the time of the investigation, the water system could not produce any documentation indicating that the water system had submitted as built engineering plans and subsequently received approval or an exception to the requirement prior to operating the water system.

30 TAC 290.46(n)(1)-- Accurate and up-to-date detailed as-built plans or record drawings and specifications for each treatment plant, pump station, and storage tank shall be maintained at the public water system until the facility is decommissioned. As-built plans of individual projects may be used to fulfill this requirement if the plans are maintained in an organized manner.

30 TAC 290.39(h)(1)-- No person may begin construction on a new public water system before receiving written approval of plans and specifications and, if required, approval of a business plan from the executive director. No person may begin construction of modifications to a public water system without providing notification to the executive director and submitting and receiving approval of plans and specifications if requested in accordance with subsection (j) of this section.

30 TAC 290.39(e) -- Submission of planning material.

Recommended Corrective Action: Provide by the compliance due date, documentation demonstrating that as-built plans or an exception request has been submitted to the Texas Commission on Environmental Quality (TCEQ), Utilities Technical Review Team (UTRT), MC 159, P.O. Box 13087, Austin, TX 78711-3087 and that approval or an exception has been granted.

The entity must ensure that the as-built plans are submitted by a licensed professional engineer. For further assistance regarding submittal contact the TCEQ UTRT at (512) 239-4691.

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



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 25, 2015

### CERTIFIED MAIL no.: 91 7199 9991 7034 4962 3228 RETURN RECEIPT REQUESTED

RECEIVED

FEB 25 2015

Mr. Scot Foltz, Environmental Compliance Manager Aqua Texas, Inc. 1106 Clayton Ln, STE 400W Austin, Tx 78723

TX ADMIN-AUSTIN

Re:

Notice of Violation for Compliance Evaluation Investigation at:

Guadalupe Heights Utility, 2 miles South East of Kerrville, Kerr County, Texas

Regulated Entity No.: RN101198984, TCEQ ID No.: 1330009

Investigation: 1217928

Dear Mr. Foltz:

On December 22, 2014, 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, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by **June 20, 2015** 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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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, Ms. 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

Mr. Scot Foltz, Environmental Compliance Manager Page 2 February 25, 2015

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 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

**Enclosures:** Summary of Investigation Findings

### Summary of Investigation Findings

**GUADALUPE HEIGHTS UTILITY** 

Investigation #

1217928 Investigation Date: 12/22/2014

, KERR COUNTY,

Additional ID(s): 1330009

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

Track No: 558229 Compliance Due Date: 06/20/2015

30 TAC Chapter 290.39(e) 30 TAC Chapter 290.39(h)(1) 30 TAC Chapter 290.46(n)(1)

### Alleged Violation:

Investigation: 1217928

Comment Date: 02/18/2015

Failure to submit and acquire approval of engineering plans prior to the construction and operation of a public water supply.

At the time of the investigation, the water system had no approval letters or granted exceptions for the production, treatment, storage and pressure maintenance facilities; however, the San Antonio Region was able to find that the 0 44 MG bolted galvanized steel storage tanks and related appurtenances were approved for construction on 08/18/2014. Additionally, plan review documentation was submitted to the TCEQ on 06/03/2008 for a new pressure tank. It is unknown if approval was granted and which pressure tank the submittal was for.

30 TAC 290.46(n)(1)-- Accurate and up-to-date detailed as-built plans or record drawings and specifications for each treatment plant, pump station, and storage tank shall be maintained at the public water system until the facility is decommissioned. As-built plans of individual projects may be used to fulfill this requirement if the plans are maintained in an organized manner.

30 TAC 290.39(h)(1)—No person may begin construction on a new public water system before receiving written approval of plans and specifications and, if required, approval of a business plan from the executive director. No person may begin construction of modifications to a public water system without providing notification to the executive director and submitting and receiving approval of plans and specifications if requested in accordance with subsection (j) of this section.

30 TAC 290.39(e) -- Submission of planning material.

**Recommended Corrective Action:** Provide by the compliance due date, documentation demonstrating that

as-built plans for the treatment, storage and pressure maintenance facilities or an exceptions request has been submitted to the Texas Commission on Environmental Quality (TCEQ), Utilities Technical Review Team (UTRT), MC 159, P.O. Box 13087, Austin, TX 78711-3087 and that approval or an exception has been granted.

The entity must ensure that the as-built plans are submitted by a licensed professional engineer. For further assistance regarding submittal contact the TCEQ UTRT at (512) 239-4691.

Track No: 558303 Compliance Due Date: 06/20/2015

30 TAC Chapter 290.41(c)(3)(B)

Alleged Violation:

Investigation: 1217928 Comment Date: 01/23/2015

Failure to provide a wellhead casing at a minimum of 18 inches above the natural ground surface.

At the time of the investigation, the well casing did not extend at least 18 inches above the elevation of the ground level.

290.41(c)(3)(B) The casing material used in the construction of wells for public use shall be new carbon steel, high-strength low-alloy steel, stainless steel or plastic. The material shall conform to AWWA standards. The casing shall extend a minimum of 18 inches above the elevation of the finished floor of the pump room or natural ground surface and a minimum of one inch above the sealing block or pump motor foundation block when provided. The casing shall extend at least to the depth of the shallowest water formation to be developed and deeper, if necessary, in order to eliminate all undesirable water-bearing strata. Well construction materials containing more than 8.0% lead are prohibited.

Recommended Corrective Action: Provide by the compliance due date an invoice, completed work order or photograph indicating that the well casing has been extended to at least 18 inches above the elevation of the ground level or the finished floor of an enclosed pump house or request an exception by writing to the TCEQ, Technical Review and Oversight Team (TROT) at MC 159, P.O. Box 13087, Austin, TX 78711-3087, and provide a copy of the granted exception to the TCEQ San Antonio Region Office. For further assistance regarding exceptions requests contact the TCEQ TROT at (512) 239-4691.

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

Track No: 471439

30 TAC Chapter 290.43(c)(3)

Alleged Violation:

Investigation: 1016062 Comment Date: 07/05/2012

Failure to have an overflow on the ground storage tank at Hill Top and Cherry Way that terminates at ground level or is located near enough and at a position accessible from a

ladder or the balcony for inspection purposes.

Investigation: 1217928 Comment Date: 01/30/2015

This violation is resolved.

**Recommended Corrective Action**: Extend the overflow on the ground storage tank at Hill Top and Cherry Way so that it terminates at ground level or is accessible from a ladder or balcony for inspection purposes.

Please submit to this Office by the Compliance Due Date photographs or invoices documenting that the overflow on this tank has been extended so that it terminates at ground level or is accessible from either a tank ladder or balcony.

**Resolution:** 12/22/2014- At the time of the investigation, both ground storage tanks had overflows that terminated in locations that were accessible for inspection.

Track No: 471443

30 TAC Chapter 290.46(n)(2)

Alleged Violation:

Investigation: 1016062 Comment Date: 07/05/2012

Failure to have an accurate and up-to-date map of the distribution system so that valves and mains can be easily located during emergencies.

Investigation: 1217928 Comment Date: 01/30/2015

This violation is resolved.

Recommended Corrective Action: Locate or develop an accurate and up-to-date map of the distribution system so that valves and mains can be easily located during emergencies.

Please submit to this Office by the Compliance Due Date a copy of the distribution map that was developed for this public water supply system.

Resolution: 12/22/2014- A copy of an up-to-date distribution map was provided during the investigation.

### ADDITIONAL ISSUES

### Description Item 5

### **Additional Comments**

At the time of the investigation, the service pump capacity at Guadalupe Heights Utility had reached 96.9% of its capacity. Based upon the 218 connections, the entity is required to provide 436 gpm of service pump capacity. The entity provided a total of 450 gpm of service pump capacity. An 85% planning report must be submitted in accordance with requirements to avoid any future violation.

30 TAC 291.93(3) -- A retail public utility that possesses a certificate of public convenience and necessity that has reached 85% of its capacity as compared to the most restrictive criteria of the commission's minimum capacity requirements in Chapter 290 of this title shall submit to the executive director a 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. A report is not required if the source of supply available to the utility service provider is reduced to below the 85% level due to a court or agency conservation order unless that order is expected to extend for more than 18 months from the date it is entered in which case a report shall be required.



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

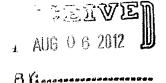


### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 3, 2012

### CERTIFIED MAIL NO: 91 7199 9991 7031 3390 7047 RETURN RECEIPT REQUESTED



Mr. Steve Blackhurst, Environmental Compliance Manager Aqua Texas, Inc. 1106 Clayton Lane, Ste 400W Austin, Texas 78723

Re: Notice of Violation for the Comprehensive Compliance Investigation at:

Harper Road Estates, Gillespie County, Texas

Regulated Entity No.: 101198810, TCEQ ID No.: 0860005, Investigation No. 1020152

Dear Mr. Blackhurst:

On June 21, 2012, Mr. Don White 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. In addition, two outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by February 26, 2012 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for the outstanding alleged violation.

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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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 requirement. 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 violation 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, Ms. Lynn Bumguardner will schedule a violation review meeting to be conducted within 21 days of the date of this letter.

Mr. Steve Blackhurst August 3, 2012 Page 2

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 Mr. Don White in the San Antonio Region Office at 210-403-4054.

Sincerely,

Joy Thurston-Cook

Water Section Work Leader San Antonio Region Office

JTC/DCW/eg

Enclosure: Summary of Investigation Findings

HARPER ROAD ESTATES

Investigation #

1020152 Investigation Date: 06/21/2012

, GILLESPIE COUNTY,

Additional ID(s): 0860005

## OUTSTANDING ALLEGED VIOLATION(S)

Track No: 472564 Compliance Due Date: 02/26/2012

30 TAC Chapter 290.45(c)(1)(B)(i)

Alleged Violation:

Investigation: 1020152 Comment Date: 07/13/2012

Failure to meet the Commission's minimum water system capacity requirements, specifically failure to provide a minimum of 0.6 gpm per connection of well production capacity. With 97 connections you are required to have a minimum of 58.2 gpm of well production capacity. During this investigation it was determined that you were providing 50.5 gpm of well production capacity.

**Recommended Corrective Action:** Increase your total well production capacity to meet the 0.6 gpm per connection well production capacity requirement.

Please submit to this Office by the Compliance Due Date, photographs, invoices or any other type of proof that you have increased your well production capacity to a minimum of 58.2 gpm.

Track No: 472571 Compliance Due Date: 02/26/2012

30 TAC Chapter 290.46(n)(2)

Alleged Violation:

Investigation: 1020152 Comment Date: 07/13/2012

Failure to have an up-to-date map of the distribution system identifying the location of valves and mains so that they can be easily located during emergencies.

**Recommended Corrective Action:** Locate a copy of or develop an up-to-date map of the distribution system identifying the location of valves and mains so that they can be easily located during emergencies.

Please submit to this Office by the Compliance Due Date a copy of your distribution map for the Harper Road Estates water system.

Jay

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 Polluting

January 16, 2014

### CERTIFIED MAIL NO: 91 7199 9991 7031 3394 0532 RETURN RECEIPT REQUESTED

Mr. Troy Penshon, Environmental Compliance Manager Aqua Texas, Inc., 1106 Clayton Lane, Ste 400 W Austin, Texas 78723

Re: Unresolved Alleged Violations for Compliance Evaluation Investigation at:

Harper Road Estates, 2 Miles South of Harper on FM783, Gillespie County, Texas

TCEO ID No.:0860005, RN101198810, Investigation No.: 1060411

Dear Mr. Penshon:

The Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office has previously requested that you submit compliance documentation for the alleged violations noted during the investigation of the above-referenced facility conducted on June 12, 2012. We have received acceptable compliance documentation from you for all of the alleged violations except that listed in the enclosed summary. Please be advised that you are responsible for correcting the remaining problem. The unresolved alleged violation will be placed in your file to be evaluated during subsequent investigation.

If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Joy Thurston-Cook in the San Antonio Region Office at (210)403-4018.

Sincerely,

Ms. Lynn Bumguardner, Water Section Manager

San Antonio Region Office

LB/jmtc/eg

Enclosure: Summary of Unresolved Investigation Findings

HARPER ROAD ESTATES

Investigation #

1060411 Investigation Date: 10/04/2013

, GILLESPIE COUNTY,

Additional ID(s): 0860005

## **OUTSTANDING ALLEGED VIOLATION(S)**

Track No: 472564

Compliance Due Date: 11/30/2016

30 TAC Chapter 290.45(c)(1)(B)(i)

Alleged Violation:

Investigation: 1020152

Comment Date: 07/13/2012

Failure to meet the Commission's minimum water system capacity requirements, specifically failure to provide a minimum of 0.6 gpm per connection of well production capacity. With 97 connections you are required to have a minimum of 58.2 gpm of well production capacity. During this investigation it was determined that you were providing 50.5 gpm of well

production capacity.

Investigation: 1060411

Comment Date: 01/14/2014

This violation is not being resolved, however the Compliance Due Date is being extended to 11/30/2016 for reasons referenced in a letter from the TCEQ Technical Review and Oversight Team dated 09/30/2013.

Recommended Corrective Action: Increase your total well production capacity to meet the 0.6 gpm per connection well production capacity requirement. You may also submit data and request an Alternative Capacity Requirement (ACR) for the minimum well production capacity requirement from the TCEQ Technical Review and Oversight Team in Austin.

Please submit to this Office by the Compliance Due Date, photographs, invoices or any other type of proof that you have increased your well production capacity to a minimum of 58.2 gpm. You may also submit a copy of an approved ACR Letter from the TCEQ Technical Review and Oversight Team.

## ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 472571

30 TAC Chapter 290.46(n)(2)

Alleged Violation:

Investigation: 1020152

Comment Date: 07/13/2012

Failure to have an up-to-date map of the distribution system identifying the location of valves

and mains so that they can be easily located during emergencies.

Investigation: 1060411 Comment Date: 10/07/2013

This violation is being resolved.

Recommended Corrective Action: Locate a copy of or develop an up-to-date map of the distribution system identifying the location of valves and mains so that they can be easily located during emergencies.

Please submit to this Office by the Compliance Due Date a copy of your distribution map for the Harper Road Estates water system.

**Resolution:** Mr. Larry Mitchell submitted a copy of an up-to-date distribution map for the Harper Road Estates water system on on 12/28/2012.

ų; .

26 July 2

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 27, 2015

DEGETVED JAN 3 0 2015

CERTIFIED MAIL NO.: 91 7199 9991 7034 4997 0919 RETURN RECEIPT REQUESTED

Mr. Scot Foltz, Compliance Manager Aqua Utilities, Inc. 1106 Clayton Lane, Ste 400W Austin, Texas 78723

Re: Notice of Violation for the Comprehensive Compliance Investigation at:

Northwest Hills Subdivision, E side of Harper Rd 2 miles N of IH 10, Gillespie County,

Texas

Regulated Entity No.: RN101220861

TCEQ ID No.: 0860086, Investigation No.: 1211060

Dear Mr. Foltz:

On November 18, 2014, Ms. Stacy Tanner 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, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by May 27, 2015, 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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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, Ms. Lynn Bumguardner, will schedule a violation review meeting to be conducted within 21 days

Mr. Scot Foltz, Environmental Compliance Manager January 27, 2015 Page 2

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 Ms. Tanner in the San Antonio Region Office at (210) 403-4078.

Sincerely,

Joy Thurston-Cook

Water Section Team Leader San Antonio Region Office

JTC/ST/

Enclosures: Summary of Investigation Findings

NORTHWEST HILLS WATER SUPPLY

investigation #

1211060 Investigation Date: 11/18/2014

, GILLESPIE COUNTY,

Additional ID(s): 0860086

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

Track No: 558071

Compliance Due Date: 05/27/2015

30 TAC Chapter 290.39(e) 30 TAC Chapter 290.39(h)(1) 30 TAC Chapter 290.46(n)(1)

### Alleged Violation:

Investigation: 1211060

Comment Date: 01/12/2015

Failure to submit and acquire approval of as built engineering plans prior to operating a public water supply.

At the time of the investigation, the water system could not produce any documentation indicating that the water system had submitted as built engineering plans and subsequently received approval or an exception to the requirement prior to operating the water system.

30 TAC 290.46(n)(1)—Accurate and up-to-date detailed as-built plans or record drawings and specifications for each treatment plant, pump station, and storage tank shall be maintained at the public water system until the facility is decommissioned. As-built plans of individual projects may be used to fulfill this requirement if the plans are maintained in an organized manner.

30 TAC 290.39(h)(1)-- No person may begin construction on a new public water system before receiving written approval of plans and specifications and, if required, approval of a business plan from the executive director. No person may begin construction of modifications to a public water system without providing notification to the executive director and submitting and receiving approval of plans and specifications if requested in accordance with subsection (j) of this section.

30 TAC 290.39(e)-- Submission of planning material.

Recommended Corrective Action: Provide by the compliance due date, documentation demonstrating that as-built plans or an exception request has been submitted to the Texas Commission on Environmental Quality (TCEQ), Utilities Technical Review Team (UTRT), MC 159, P.O. Box 13087, Austin, TX 78711-3087 and that approval or an exception has been granted.

The entity must ensure that the as-built plans are submitted by a licensed professional engineer. For further assistance regarding submittal contact the TCEQ UTRT at (512) 239-4691.

Track No: 558075 Cor

Compliance Due Date: 05/27/2015

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

### Alleged Violation:

Investigation: 1211060

Comment Date: 01/22/2015

Failure to provide adequate well production capacity

At the time of the investigation, it was noted that the entity was serving 74 connections and based upon the requirement, the entity is required to provide 44.4 gallons per minute of well production capacity. The entity is currently providing 35.96 gallons per minute of well

production capacity or 0.051 gallons per minute per connection.

30 TAC 290.45(b)(1)(D)(i)-Two or more wells having a total capacity of 0.6 gpm per connection. Where an interconnection is provided with another acceptable water system capable of supplying at least 0.35 gpm for each connection in the combined system under emergency conditions, an additional well will not be required as long as the 0.6 gpm per connection requirement is met for each system on an individual basis. Each water system must still meet the storage and pressure maintenance requirements on an individual basis unless the interconnection is permanently open. In this case, the systems' capacities will be rated as though a single system existed.

**Recommended Corrective Action:** The water system must be modified to meet this requirement to assure adequate capacity at all times; however, the water system may request an exception to this requirement.

Please be advised that public water systems shall notify the executive director prior to making significant changes resulting in an increase or decrease of the system's production, treatment, storage, pressure maintenance or distribution facilities. Public water systems shall submit plans and specifications for proposed changes and receive approval.

Exceptions and/or proposed capacity changes must be submitted to the Texas Commission on Environmental Quality, Utilities Technical Review Team, MC 159, P.O. Box 13087, Austin, TX 78711-3087.

Track No: 558953

Compliance Due Date: 05/27/2015

30 TAC Chapter 290.46(m)(4)

#### Alleged Violation:

Investigation: 1211060

Comment Date: 01/22/2015

Failure to maintain watertight conditions.

At the time of the investigation, there was a leak on the ground storage tank at well site #1.

30 TAC 290.46(m)(4)-- All water treatment units, storage and pressure maintenance facilities, distribution system lines, and related appurtenances shall be maintained in a watertight condition and be free of excessive solids.

Recommended Corrective Action: Provide by the compliance due date, documentation to verify that the leak on the ground storage tank has been repaired or the tank has been replaced.

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

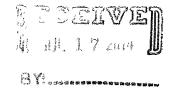


## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 10, 2014

# CERTIFIED MAIL NO.: 91 7199 9991 7132 8257 6071 RETURN RECEIPT REQUESTED



Mr. Scot Foltz, Compliance Manager Aqua Texas, Inc. 1106 Clayton Ln, Suite 400 W Austin, Texas 78723

Re:

Notice of Violation for Comprehensive Compliance Investigation at: West Oak Heights, 3 miles N of Fredericksburg on Hwy 87, Gillespie County, Texas Regulated Entity No.: RN101275386, TCEQ ID No.: 0860100, Investigation No.: 1172967

Dear Mr. Foltz:

On May 8, 2014, Mr. Chris Friesenhahn 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, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by November 20, 2014 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 <a href="http://www.tceq.state.tx.us">http://www.tceq.state.tx.us</a> 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 Ms. Lynn Bumguardner, Water Section Manager, 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

Mr. Scot Foltz, Compliance Manager Page 2 July 10, 2014

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 Mr. Friesenhahn in the San Antonio Region Office at (210) 403-4055.

Sincerely,

Joy Thurston-Cook

Water Section Team Leader San Antonio Region Office

Texas Commission on Environmental Quality

JTC/cmf/eg

**Enclosure:** Summary of Investigation Findings

**WEST OAK HEIGHTS** 

Investigation # 1172967

Investigation Date: 05/08/2014

, GILLESPIE COUNTY,

Additional ID(s):

0860100

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

Track No: 537743

Compliance Due Date: 11/20/2014

30 TAC Chapter 290.39(e) 30 TAC Chapter 290.39(h)(1) 30 TAC Chapter 290.46(n)(1)

#### Alleged Violation:

Investigation: 1172967

Comment Date: 06/06/2014

Failure to submit and acquire approval of as built engineering plans prior to operating a public water supply.

At the time of the investigation, the water system could not produce any documentation indicating that the water system had submitted as built engineering plans and subsequently received approval or an exception to the requirement prior to operating the water system, nor were there any records in the Integrated Water Utilities Database which would indicate and approval or an exception was granted.

30 TAC 290.46(n)(1) Accurate and up to date detailed as built plans or record drawings and specifications for each treatment plant, pump station, and storage tank shall be maintained at the public water system until the facility is decommissioned. As built plans of individual projects may be used to fulfill this requirement if the plans are maintained in an organized manner.

30 TAC 290.39(h)(1) No person may begin construction on a new public water system before receiving written approval of plans and specifications and, if required, approval of a business plan from the executive director. No person may begin construction of modifications to a public water system without providing notification to the executive director and submitting and receiving approval of plans and specifications if requested in accordance with subsection (j) of this section.

30 TAC 290.39(e) Submission of planning material.

Recommended Corrective Action: Acquire the needed approval for use or an exception to the rule.

Submit as built engineering plans as required by 290.46(n)(1), 290.39(h)(1) and 290.39(e) or any exception requests to the TCEQ Utilities Technical Review Team for review and approval. Engineering plans and/or exception requests must be submitted to:

Utilities Technical Review Team, MC 159 Texas Commission on Environmental Quality PO BOX 13087 Austin, Texas 78711 3087

To document compliance, submit documentation indicating that the water system has been approved for use or that an exception has been acquired to this office by the compliance due date.

Track No: 537745 Compliance Due Date: 11/20/2014

30 TAC Chapter 290.46(s)(1)

#### Alleged Violation:

Investigation: 1172967 Comment Date: 06/06/2014

Failure to have the well meters calibrated once every three years.

At the time of the investigation, Mr. Larance advised that the well meters had not been calibrated within the past three years.

30 TACN 290.46(s)(1)--Flow measuring devices and rate-of-flow controllers that are required by §290.42(d) of this title (relating to Water Treatment) shall be calibrated at least once every 12 months. Well meters required by §290.41(c)(3)(N) of this title (relating to Water Sources) shall be calibrated at least once every three years.

**Recommended Corrective Action:** Have the existing well meters calibrated or replaced with new meters or meters which have been calibrated within the past three years.

To document compliance, submit documentation which indicates that the well meters have been calibrated or replaced to this office by the compliance due date.

Track No: 537748 Compliance Due Date: 11/20/2014

30 TAC Chapter 290.46(m)(4)

#### Alleged Violation:

Investigation: 1172967 Comment Date: 06/06/2014

Failure to maintain the ground storage and pressure tanks in a water-tight condition.

At the time of the investigation, the ground storage and pressure tanks were leaking.

30 TAC 290.46(m)(4)--All water treatment units, storage and pressure maintenance facilities, distribution system lines, and related appurtenances shall be maintained in a watertight condition and be free of excessive solids.

**Recommended Corrective Action:** Repair or replace the ground storage and pressure tanks to ensure that they are tight against leakage.

To document compliance, submit photographic documentation which indicates that the storage tanks are in a water-tight condition to this office by the compliance due date.

## ADDITIONAL ISSUES

Description Item 4

#### **Additional Comments**

Please be advised per the 30 Texas Administrative Code (TAC) 344.51(d), irrigation systems installed on properties served by an On site septic facility (OSSF) are deemed conduits to the known health hazard of the OSSF and are required to have reduced pressure principle backflow prevention assemblies (RPBAs) installed to protect against this health hazard, these devices must be tested annually. If the system was installed prior to 2009, then the existing backflow prevention method is allowed but, it must meet the annual testing requirement. Please begin implementing this requirement in your cross connection control program in order to meet the requirements of 30 TAC 290.44(h)(1). For questions regarding irrigation systems, please contact the Landscape Irrigation Program, at (512) 239 5296. For questions regarding your Cross Connection Control Program, please contact the TCEQ Cross Connection Control Program at 512 239 4691. You may also e mail your question or comment to pdws@tceq.texas.gov.

Jay

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

October 9, 2015

Mr. Scot Foltz, Environmental Compliance Manager Aqua Texas, Inc. 1106 Clayton Ln, STE 400W Austin, Tx 78723

Re:

Notice of Compliance with a Notice of Violation letter dated February 3, 2015: Loma Vista Water Supply, on Ranchero Rd, 2 miles from Kerrville, Kerr County, Texas Regulated Entity No.: RN101207256, TCEQ ID No.: 1330041 Investigation: 1266685

Dear Mr. Foltz:

This letter is to inform you that Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office has received adequate compliance documentation on July 17, 2015, for the alleged violation noted during the investigation of the above-referenced facility conducted on December 11, 2014. Based on the information submitted, no further action is required concerning this 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, please feel free to contact Mr. Colby 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