

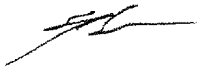


Mr. Laughman  
December 22, 2015  
Page 2

days from the date of this letter. At that time, Ms. Elizabeth Sears, Water Quality Team Leader will schedule a violation review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the attached Summary of Investigation Findings until an official decision is made regarding the status of the contested violations.

If you or members of your staff have any questions, please feel free to contact Mr. Dustin Roberts in the Houston Region Office at (713) 767-3631.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Region 12 Houston

EWS/DAR/ci

Enclosures: Summary of Investigation Findings  
Effluent Violations Table

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, 2211 Louetta  
Road, Spring, Texas 77388

## Summary of Investigation Findings

OLD EGYPT REGIONAL BUSINESS CENTER

Investigation #

1300380

Investigation Date: 10/08/2015

, MONTGOMERY COUNTY,

Additional ID(s): TX0120073  
WQ0014141001

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 591523 Compliance Due Date: 10/22/2015  
30 TAC Chapter 305.125(1)

#### Alleged Violation:

Investigation: 1300380

Comment Date: 12/21/2015

Failed to ensure flow measurement accuracy. Specifically, the flow measurement accuracy check performed at Plant No. 1 during the investigation revealed that the staff gauge measured 0.44 head feet and the flow meter measured 0.39 head feet. The flow measurement accuracy check performed at Plant No. 2 revealed that the staff gauge measured 0.4 head feet and the flow meter measured 0.36 head feet.

**Recommended Corrective Action:** The flow meter shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually. Submit documentation indicating that the flow meter has been accurately calibrated.

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 591378  
30 TAC Chapter 305.125(1)

#### Alleged Violation:

Investigation: 1300380

Comment Date: 12/18/2015

Failed to maintain compliance with the permitted effluent limits. Specifically, the grab sample collected during the investigation was not compliant with the single grab maximum limit of 4.0 mg/L standard units for total chlorine residual. The result of the total chlorine residual analysis was 6.47 mg/L.

**Recommended Corrective Action:** Compliance with the permitted effluent limits must be maintained. Submit documentation describing the action taken to prevent the recurrence of total chlorine residual violations.

**Resolution:** Documentation was received on October 29, 2015, indicating that proper actions were taken to prevent the recurrence of total chlorine residual violations.

### ADDITIONAL ISSUES

#### Description

Is the regulated entity compliant with the self-monitored effluent limitations?

#### Additional Comments

During the record review period of October 2014 through September 2015, two E. coli, four flow, six ammonia-nitrogen, and one total suspended solids violations were noted. See the attached Effluent Violations Table. Compliance with the permitted effluent limits must be maintained. Ammonia-nitrogen violations are being addressed by Administrative Order 2015-0598-MWD-E.



Effluent Violations for Select Facility  
10/01/2014 through 09/30/2015

\*\*\* NOT ICIS CERTIFIED \*\*\*

EPDES ID	NPDES ID	Facility Name	CNIC Name	Enf Auth	Major/Minor	ICIS Region	Issue Date	Expiration Date	Primary SIC
WQ0014141001	TX0120073	OLD EGYPT REGIONAL BUSINESS WW	WESTBROOK STATE	Minor		SEG 1008	3/11/2013	3/1/2018	8515

Outfall No.	Limit Set Name	Limit Start Date	Limit End Date
001A	DOMESTIC FACILITY - 001	4/1/13	7/31/15
001A	DOMESTIC FACILITY - 001	4/1/13	3/1/18

Monitoring Period	Param Cd	Parameter	MLOC	Limit (%Vio)	Limit (mg/L)	Received Date	RNC Vio	Received Date
4/30/2015	51040	E. coli	1	>49 (99.99%)	2420 (99.99%)	5/21/15		5/21/15

Monitoring Period	Param Cd	Parameter	MLOC	Limit (%Vio)	Limit (mg/L)	Received Date	RNC Vio	Received Date
4/30/2015	50050	Flow, in conduit or thru treatment plant	1	239 (6%)		5/21/15		
5/31/2015	50050	Flow, in conduit or thru treatment plant	1	2597 (15%)		6/17/15		
6/30/2015	50050	Flow, in conduit or thru treatment plant	1	2431 (8%)		7/21/15		
7/31/2015	50050	Flow, in conduit or thru treatment plant	1	2375 (6%)		8/20/15		

Monitoring Period	Param Cd	Parameter	MLOC	Limit (%Vio)	Limit (mg/L)	Received Date	RNC Vio	Received Date
11/30/2014	00610	Nitrogen, ammonia total [as N]	1	3.82 (27%)		12/22/14		
12/31/2014	00610	Nitrogen, ammonia total [as N]	1	<3.08 (3%)		1/21/15		
2/28/2015	00610	Nitrogen, ammonia total [as N]	1	<3.09 (3%)		3/18/15		
4/30/2015	00610	Nitrogen, ammonia total [as N]	1	<4.62 (54%)	23.23 (55%)	5/21/15	T	5/21/15

Monitoring Period	Param Cd	Parameter	MLOC	Limit (%Vio)	Limit (mg/L)	Received Date	RNC Vio	Received Date
1/31/2015	00530	Solids, total suspended	1	20.6 (37%)		2/21/15		

Effluent Violations for Select Facility  
10/01/2014 through 09/30/2015

\*\*\* NOT ICIS CERTIFIED \*\*\*

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



Reaf

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

June 18, 2015

RECEIVED

**CERTIFIED MAIL 7010 1870 0003 4949 9866**  
**RETURN RECEIPT REQUESTED**

JUN 22 2015

TX ADMIN-AL STIN

Mr. Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400 West  
Austin, Texas 78723

Re: Notice of Violation for the Compliance Investigation at:  
Mahaffey Road Wastewater Treatment Plant  
Southeast of the intersection of Huffsmith-Kohrville Road and Mahaffey Road (Harris  
County) Texas  
TCEQ ID No.: WQ0014181001, EPA ID No.: TX0122530

Dear Mr. Laughman:

On April 16 and 24, 2015, Ms. Julia Thorp and Ms. Lauren Ruff of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for wastewater treatment. During the investigation, some concerns were noted which were alleged noncompliances for which compliance documentation is required. Please submit to this office by July 20, 2015 a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for each outstanding alleged violation. Please see the additional issues.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled Obtaining TCEQ Rules (GI 032) are located on our agency website at <http://www.tceq.state.tx.us> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Houston Region Office at 713-767-3650 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 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 Houston Region Office within 10 days from the date of this letter. At that time, Ms. Barbara Sullivan, Water Quality Team Leader will schedule a

Robert Laughman  
Page 2  
June 18, 2015

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

If you or members of your staff have any questions, please feel free to contact Ms. Julia Thorp in the Houston Region Office at 713- 767-3697.

Sincerely,

A handwritten signature in black ink, appearing to read "BSS" followed by a stylized flourish.

Barbara Sullivan  
Team Leader  
Water Quality Management  
Region 12 Houston

BSS/JZF/ci

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road,  
Spring, Texas 77388

Enclosures: Summary of Investigation Findings



## Summary of Investigation Findings

MAHAFFEY ROAD WWTP

Investigation #

1254810  
Investigation Date: 04/16/2015

, HARRIS COUNTY,

Additional ID(s): WQ0014181001  
TX0122530

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 572345 Compliance Due Date: 05/16/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1254810

Comment Date: 06/09/2015

Failed to maintain forced mechanical ventilation in the chlorination room. Specifically, the ventilation fan in the chlorination room was not functioning.

**Recommended Corrective Action:** Forced mechanical ventilation shall be included in chlorination rooms which will provide a complete air exchange a minimum of every three minutes. Submit documentation indicating that the ventilation fan in the chlorination room has been repaired or replaced.

Track No: 572347 Compliance Due Date: 05/16/2015

2D TWC Chapter 26.121(c)

30 TAC Chapter 305.125(1)

30 TAC Chapter 305.125(4)

PERMIT WQ0014181001, Permit Conditions No. 2.d

Permit Conditions No. 2.d

**Alleged Violation:**

Investigation: 1254810

Comment Date: 06/17/2015

Failed to prevent the discharge of sludge to the receiving stream. Specifically, sludge was noted in the receiving stream. Samples were collected approximately 70 feet upstream of the outfall and at a downstream location approximately 15 feet from the outfall pipe. Red sludge worms were noted in the sludge. No flow was leaving the facility at the time of the investigation; therefore, facility effluent samples could not be collected. It is unknown how far downstream the sludge was present due to a large amount of vegetation growth covering the receiving stream. On April 24, 2015, the investigator visited the facility again to collect effluent samples and no sludge was noted in the receiving stream. The water level of the receiving stream was elevated due to recent heavy rainfall events. Sample results and photographic documentation are attached.

**Recommended Corrective Action:** The permittee shall take steps to minimize or prevent any discharge which has a reasonable likelihood of adversely affecting human health or the environment. Submit documentation indicating that the sludge was removed from the receiving stream and disposed of properly. Also, submit documentation indicating the steps taken to prevent the recurrence of the discharge of sludge to the receiving stream.

### ADDITIONAL ISSUES

Description

Additional Comments

Chlorine contact basin(s)?

At the time of the investigation, it was noted that the facility chlorine contact chamber and clarifier had been pumped and hauled the previous day. The facility representative stated that the return activated sludge pipe had been clogged and to remove the clog, the facility had to be pumped down. No wastewater was present in the chlorine contact chamber nor was any flow leaving the clarifier into the chlorine contact chamber; therefore, no effluent samples were collected on April 16, 2015. The investigator visited the facility a second time on April 24, 2015, and collected effluent samples.

Is the regulated entity compliant with the self-monitored effluent limitations?

The permittee reported the following permit effluent exceedances for the period of April 2014 through April 2015: April 2014-June 2014 Ammonia Nitrogen-2 daily average and 1 daily max; July 2014-Total Suspended Solids-1 daily average. Self-reported effluent violations may be subject to formal enforcement, including penalties, upon review by the Enforcement Division.

*Donna*

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 23, 2015

**CERTIFIED MAIL 7010 1870 0003 4949 7572**  
**RETURN RECEIPT REQUESTED**

RECEIVED

FEB 25 2015

TX ADMIN-AUSTIN

Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Notice of Violation for Compliance Investigation at:  
Redwood Wastewater Treatment Facility  
11400 Green River Drive, Houston, Harris County, Texas  
TCEQ ID No.: WQ0012996001, EPA ID No.: TX0096679

Dear Mr. Laughman:

On January 8, 2015, Heather Maloney of the Texas Commission on Environmental Quality (TCEQ) Houston 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. During the investigation, some outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by March 25, 2015 a written description of the 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 <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 Houston Region Office at (713)767-3650 or the Central Office Publications Ordering Team at 512-239-0028. Copies of applicable federal regulations may be obtained by calling Environmental Protection Agency's Publications at 800-490-9198.

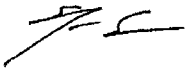
The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. Self-reported violations may be subject to enforcement, including penalties, upon review by 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 Houston Region Office within 10 days from the date of this letter. At that time, Ms. Elizabeth Sears will schedule a violation review meeting to be conducted within 21 days from the date of this letter.

Mr. Robert Laughman  
Page 2  
February 23, 2015

However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the attached Summary of Investigation Findings until an official decision is made regarding the status of any or all of the contested violations.

If you or members of your staff have any questions, please feel free to contact Ms. Maloney in the Houston Region Office at (713)767-3776.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Houston Region Office

EWS/HMM/ci

Enclosure(s): Summary of Investigation Findings

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road, Spring, Texas 77388

## Summary of Investigation Findings

AQUASOURCE UTILITY REDWOOD ESTATES

Investigation #

1215753

Investigation Date: 01/08/2015

, HARRIS COUNTY,

Additional ID(s): WQ0012996001  
TX0096679

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 561464 Compliance Due Date: 02/08/2015

30 TAC Chapter 319.5(b)

#### Alleged Violation:

Investigation: 1215753

Comment Date: 02/12/2015

Failed to collect effluent samples at the minimum frequency specified in the permit. Specifically, an E. coli sample was not collected in November 2014.

**Recommended Corrective Action:** Samples shall be taken and measurements shall be made at the minimum frequencies specified in the permit for each parameter. Submit documentation indicating that E. coli samples are being collected as required.

Track No: 561465 Compliance Due Date: 02/08/2015

30 TAC Chapter 305.125(5)

#### Alleged Violation:

Investigation: 1215753

Comment Date: 02/12/2015

Failed to maintain the structural integrity of the wastewater treatment plant. Specifically, holes were rusted through the crossbeams supporting the catwalk over the aeration basin.

**Recommended Corrective Action:** Submit documentation indicating that the crossbeams supporting the catwalk over the aeration basin have been repaired or replaced.

### ADDITIONAL ISSUES

#### Description

Clarifier(s)?

#### Additional Comments

The thirty minute settleable solids concentration in the aeration basin was 78%. A mixed liquor total suspended solids (MLTSS) sample was collected; the result of the MLTSS analysis was 4,980 mg/L. The sludge volume index (SVI) resulting from these values is 156. Additionally, the sludge blanket level in the clarifier was four feet in a total water depth of 10 feet. The wastewater treatment plant must be operated in a manner which minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream.

Is the regulated entity compliant with the self-monitored effluent limitations?

Two violations of the permitted maximum limit for chlorine residual (4.0 mg/L) were noted in the last 12 months. On February 27, 2014, the reported maximum chlorine residual was 4.03 mg/L. On February 28, 2014, the reported maximum chlorine residual was 4.45 mg/L. Self-reported effluent violations may be subject to enforcement, including penalties, upon review by the Enforcement Division. Steps should be taken to ensure compliance with the permitted effluent limitations.

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

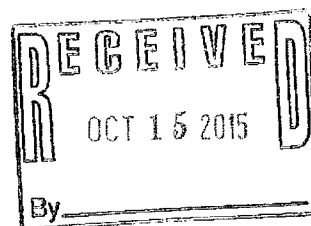


## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

October 12, 2015

**CERTIFIED MAIL 7008 3230 0002 9593 3534**  
**RETURN RECEIPT REQUESTED**



Mr. Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Notice of Violation for the Compliance Evaluation Investigation at:  
Riverwood Forest Wastewater Treatment Plant  
Waterhouse Court, Fulshear (Fort Bend County), Texas  
TCEQ ID No.: WQ0014194-001, EPA ID No.: TX0123013

Dear Mr. Laughman:

On August 14, 2015, Mr. Bruce Miebs of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office, conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted which are alleged noncompliances. Some Additional Issues were also noted. Through subsequent corrective actions, one of the noncompliances has been resolved as an Area of Concern. Please submit to this office by November 16, 2015 a written description of corrective actions 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 <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 Houston Region Office at 713-767-3650 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 violation documented in this notice. Should you choose to do so, you must notify the Houston Region Office within 10 days from the date of this letter. At that time, Ms. Barbara Sullivan,

TCEQ Region 12 • 5425 Polk St., Ste. H • Houston, Texas 77023-1452 • 713-767-3500 • Fax 713-767-3520

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printed on recycled paper using vegetable-based ink

Mr. Robert Laughman, President  
October 12, 2015  
Page 2

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

If you or members of your staff have any questions, please feel free to contact Mr. Bruce Miebs in the Houston Region Office at 713- 767-3569.

Sincerely,

A handwritten signature in black ink, appearing to read 'BS Sullivan', is written over the typed name.

Barbara Sullivan  
Team Leader  
Water Quality Management  
Region 12 Houston

BSS/BPM/ci

Enclosures: Summary of Investigation Findings

## Summary of Investigation Findings

RIVERWOOD FOREST WWTP

Investigation #

1273649

Investigation Date: 08/14/2015

, FORT BEND COUNTY,

Additional ID(s): WQ0014194001  
TX0123013

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 580659 Compliance Due Date: 08/28/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1273649

Comment Date: 10/07/2015

Failed to maintain the structural integrity of the wastewater treatment plant. Specifically, the wall between the digester and the aeration basin was severely rusted and was bowing. Also, the treatment plant has severe rust throughout the plant.

**Recommended Corrective Action:** Submit documentation verifying that adequate repairs have been made, or the facility has been replaced.

Track No: 584889 Compliance Due Date: 08/28/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1273649

Comment Date: 09/30/2015

Failed to properly maintain the chlorine contact basin. Specifically, during the on-site investigation, it was noted that the non-potable water piping was leaking at the chlorine contact basin.

**Recommended Corrective Action:** Submit documentation verifying that the non-potable water line has been repaired, and the leak had stopped.

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 441385  
30 TAC Chapter 305.125(1)  
PERMIT WQ0014194001, P., pg. 1  
Permit, page 1

**Alleged Violation:**

Investigation: 941223

Comment Date: 07/18/2011

Failed to discharge effluent to the permitted location. The outfall pipe discharges approximately 3 feet behind the wastewater treatment plant fence, which is approximately 110 yards away from the Brazos River. The permit location for the wastewater treatment plant is the Brazos River below Navasota River in Segment No. 1202 of the Brazos River Basin.

Investigation: 983414

Comment Date: 02/03/2012

See violation.

Investigation: 1009389

Comment Date: 06/05/2012

See violation. Please be advised that you are responsible for correcting this remaining problem.



Investigation: 1008682

Comment Date: 09/19/2012

At the time of the investigation on July 26, 2012, the Aqua Texas Wastewater Compliance Coordinator stated that the permittee has had the property and Outfall 001 surveyed. The permittee also stated that an engineer and an attorney were retained to determine who owns the property between Outfall 001 and the Brazos River and to try to obtain easements to lay pipe to the river. They had not been able to obtain the necessary easements at the time of the investigation.

Investigation: 1051387

Comment Date: 02/07/2013

On November 19, 2012, the permittee responded indicating that they have been working to resolve this issue. The survey indicated that there is a drainage easement between the plant site and the river, but legal authorization must be obtained. An email dated December 20, 2012 stated that they were still working to obtain authorization to cross the easement. The outfall pipe cannot be moved yet.

Investigation: 1273649

Comment Date: 09/30/2015

See Alleged Violation, above.

**Recommended Corrective Action:** Submit documentation indicating that the effluent is now being discharged to the permitted location.

**Resolution:** On September 15, 2014, the TPDES Permit was approved, with the necessary corrections to the discharge route.

## AREA OF CONCERN

Track No: 585086

30 TAC Chapter 305.125(1)

PERMIT WQ0014194001, Monitoring and Reporting #5

All flow measuring....devices...shall be accurately calibrated...but not less often than annually.

### **Alleged Violation:**

Investigation: 1273649

Comment Date: 10/05/2015

Failed to calibrate the flowmeter at least annually to ensure accuracy. Specifically, the flowmeter was last calibrated on August 12, 2015, just prior to the investigation. The previous calibration was performed on June 27, 2014, which exceeds 12 months.

**Recommended Corrective Action:** Submit documentation verifying that the flowmeter has been recently calibrated.

**Resolution:** During the on-site investigation, the representative verified that the flowmeter was calibrated.

## ADDITIONAL ISSUES

### **Description**

Clarifier(s)?

### **Additional Comments**

During the on-site investigation, it was noted that a segment of the clarifier weirs was uneven, which might cause a possible bypass of the clarifier. It is recommended that adjustments be made to level the clarifier weirs.

Item 2

During the on-site investigation, it was noted that two eroded channels in the dirt, were located directly in-line with two chlorine contact basin drains, that lead directly to the receiving stream. It is recommended that all drain lines be either captured or diverted back to the headworks. Discharges of wastewater to any location other than through Outfall 001 is unauthorized.

Erwan W. Shaw, Ph.D., Chairman  
Cody Rubinstein, Commissioner  
Foby Baker, Commissioner  
Zak Cowan, Executive Director

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

June 4, 2013

**CERTIFIED MAIL 7012 1640 0001 7338 6966**  
**RETURN RECEIPT REQUESTED**

RECEIVED

BY: 

Mr. Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400 West  
Austin, Texas 78723-2476

Re: Notice of Violation for Compliance Evaluation Investigation at:  
Rose Meadow III Wastewater Treatment Facility located at 10950 1/2 Jeske Road,  
approximately 2.5 miles east of the intersection of Farm-to-Market Road 360 and State  
Highway 36 near the City of Needville (Fort Bend County) Texas  
TCEQ ID No.: WQ0014175-001, EPA ID No.: TX0122459

Dear Mr. Laughman:

On April 25, 2013, Mr. Nwachukwu Sam Okonkwo of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable water quality requirements. During the investigation, a concern was noted as an alleged violation. Through subsequent corrective action, the alleged noncompliance has been resolved. No further response is necessary 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 regarding these matters, please feel free to contact Mr. Nwachukwu Sam Okonkwo in the Houston Region Office at 713-767-3692.

Sincerely,



Barbara S. Sullivan  
Team Leader  
Water Quality Management  
Region 12 Houston

BSS/NSO/cs

cc: Mr. Abel Bautista, 2211 Louetta Road, Spring, Texas 77388

Enclosures: Summary of Investigation Findings  
Investigation Photos

## Summary of Investigation Findings

ROSE MEADOWS III WWTP

10950 1/2 JESKE ROAD  
NEEDVILLE, FORT BEND COUNTY, TX 77461

Investigation #

1086320  
Investigation Date: 04/25/2013

Additional ID(s): WQ0014175001  
TX0122459

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 501060

30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1086320

Comment Date: 05/10/2013

Failed to properly dispose of wastewater screenings. Specifically, wastewater screenings were littered all over the grounds at the wastewater treatment plant. See attached photos.

**Recommended Corrective Action:** Screenings must be collected and disposed of properly. Submit documentation showing that the screenings have been removed and disposed of properly.

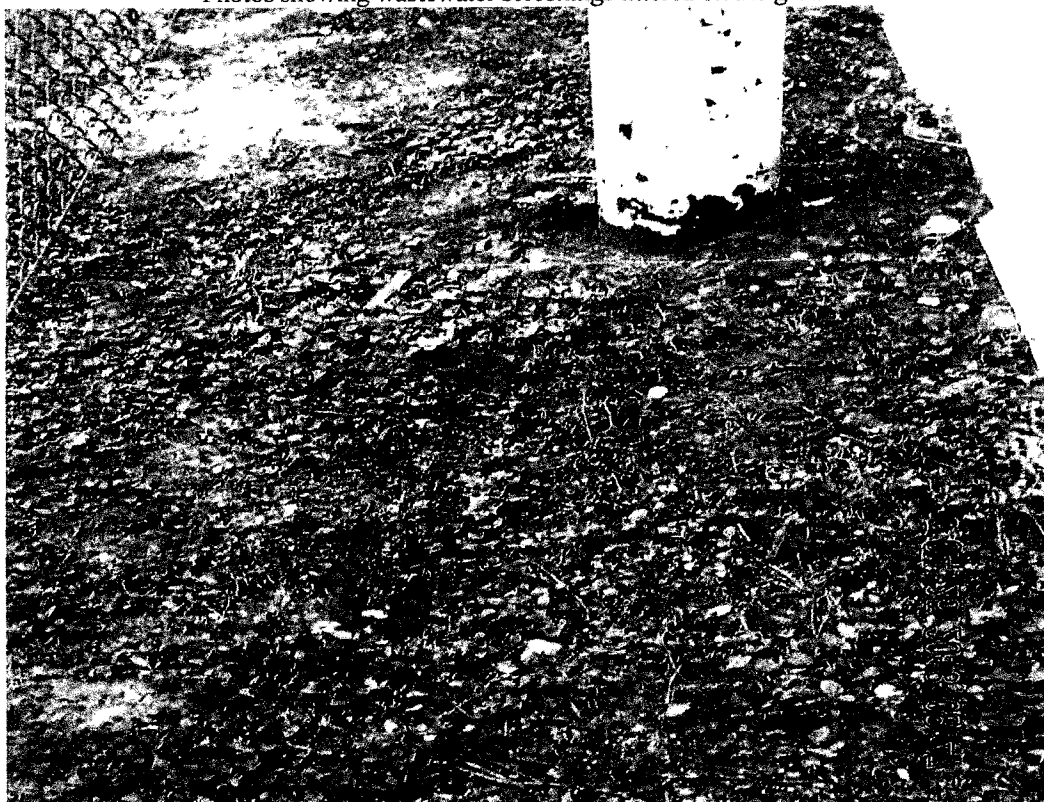
**Resolution:** The permittee submitted documentation on May 10, 2013, indicating that the violation has been resolved.

## PHOTOGRAPHIC DOCUMENTATION

TCEQ Permit No:	Facility Name:	County Name:	Inspection Date:	TCEQ Investigator:
WQ0014175001	ROSE MEADOW III WWTP	FORT BEND	APRIL 25, 2013	Nwachukwu Sam Okonkwo



Photos showing wastewater screenings littered on the ground.



*Lonnie*

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

April 24, 2015

*Protecting Texas by Reducing and Preventing Pollution*

**CERTIFIED MAIL 7010 1870 0003 4949 4694**  
**RETURN RECEIPT REQUESTED**

RECEIVED

APR 27 2015

TX ADMIN-AUSTIN

Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Additional Compliance Documentation Needed for:  
Redwood Wastewater Treatment Facility  
11400 Green River Drive, Houston, Harris County, Texas  
TCEQ ID No.: WQ0012996001, EPA ID No.: TX0096679

Dear Mr. Laughman:

The Texas Commission on Environmental Quality (TCEQ) Houston Region Office received the compliance documentation that you submitted April 3, 2015 for the alleged violations noted during the investigation of the above-referenced facility conducted on January 8, 2015. The documentation contained in your response was adequate to withdraw one of the violations. However, information is still needed for the alleged violation listed in the enclosed summary. Please submit to our office by May 26, 2015 a written description of corrective action taken and the required compliance documentation demonstrating that this remaining alleged violation has been resolved.

The TCEQ 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 violation. 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. Heather Maloney in the Houston Region Office at (713)767-3776.

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Sears".

Elizabeth Sears  
Team Leader  
Water Quality Management  
Houston Region Office

EWS/HMM/ci

Enclosure(s): Summary of Unresolved Investigation Findings

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road, Spring, Texas 77388

TCEQ Region 12 • 5425 Polk St., Ste. H • Houston, Texas 77023-1452 • 713-767-3500 • Fax 713-767-3520

Austin Headquarters: 512-239-1000 • [tceq.texas.gov](http://tceq.texas.gov) • How is our customer service? [tceq.texas.gov/customersurvey](http://tceq.texas.gov/customersurvey)

printed on recycled paper using soy based ink

## Summary of Investigation Findings

AQUASOURCE UTILITY REDWOOD ESTATES

Investigation #

1245426

Investigation Date: 04/10/2015

, HARRIS COUNTY,

Additional ID(s): WQ0012996001

TX0096679

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 561465 Compliance Due Date: 02/08/2015

30 TAC Chapter 305.125(5)

#### Alleged Violation:

Investigation: 1215753

Comment Date: 02/12/2015

Failed to maintain the structural integrity of the wastewater treatment plant. Specifically, holes were rusted through the crossbeams supporting the catwalk over the aeration basin.

Investigation: 1245426

Comment Date: 04/10/2015

See the violation description. Documentation received on April 3, 2015 indicated that this violation is still outstanding.

**Recommended Corrective Action:** Submit documentation indicating that the crossbeams supporting the catwalk over the aeration basin have been repaired or replaced.

### WITHDRAWN VIOLATION(S)

Track No: 561464 Compliance Due Date: 02/08/2015

30 TAC Chapter 319.5(b)

#### Alleged Violation:

Investigation: 1215753

Comment Date: 02/12/2015

Failed to collect effluent samples at the minimum frequency specified in the permit. Specifically, an E. coli sample was not collected in November 2014.

Investigation: 1245426

Comment Date: 04/10/2015

See the violation description.

**Recommended Corrective Action:** Samples shall be taken and measurements shall be made at the minimum frequencies specified in the permit for each parameter. Submit documentation indicating that E. coli samples are being collected as required.

**Withdrawal Comments:** Documentation received on April 3, 2015 indicates that an E. coli sample was collected in November 2014. For unknown reasons, the laboratory did not report the result of the analysis. A revised November 2014 discharge monitoring report was submitted via the NetDMR system on January 16, 2015.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

1001 North Main Street, Suite 1000, Austin, Texas 78701

September 5, 2007

**CERTIFIED MAIL {No. 7007 0710 0005 1447 6072}  
RETURN RECEIPT REQUESTED**

Mr. Robert Laughman, President  
Aqua Utilities Inc.  
1421 Wells Branch Parkway, Suite 105  
Pflugerville, Texas 78600

Re: Notice of Violation for the Discretionary Wastewater Comprehensive Compliance Investigation at  
Cypress Bayou WWTP, 6300 Armitage Dr., Orange (Orange County), Texas  
TCEQ ID No.: 12109-001, RN101524767, CN600789705

Dear Mr. Laughman:

On July 23, 2007, Ms. Jessica Gary of the Texas Commission on Environmental Quality (TCEQ) Beaumont Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for wastewater treatment. Enclosed is a summary which lists the investigation findings. Please submit to this office by **December 4, 2007**, 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 alleged violations, we have cited applicable requirements, including TCEQ rules. If you would like to obtain a copy of the applicable TCEQ rules, you may contact any of the sources listed in the enclosed brochure entitled "Obtaining TCEQ Rules."

The Texas Commission on Environmental Quality 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.

Mr. Laughman  
WQ 0012109-001  
Page 2  
September 5, 2007

Should you choose to do so, you must notify the Beaumont Region Office within 10 days from the date of this letter. At that time, Mr. Ronald Hebert will schedule a violation review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the attached Summary of Investigation Findings until an official decision is made regarding the status of any or all of the contested violations.

If you or members of your staff have any questions, please feel free to contact Ms. Jessica Gary in the Beaumont Region Office at (409) 898-3838.

Sincerely,



Ronald Hebert  
Water Section Manager  
Beaumont Region Office

RHJG pj

Enclosures      Summary of Investigation Findings  
                         *Obtaining TCEQ Rules*

cc:                Mr. Abel Bautista, Aqua Utilities, 2211 Louetta Rd., Spring, Texas 77388  
                      Mr. Mark Foust, C A Services, P.O. Box 5, Saratoga, Texas 77586



## Summary of Investigation Findings

LITTLE CYPRESS BAYOU EST PLA

Investigation # 573980

6300 ARMITAGE DR

Investigation Date: 07/23/2007

ORANGE, ORANGE COUNTY, TX 77632

Additional ID(s): WQ0012109001

### OUTSTANDING ALLEGED VIOLATIONS

Track No: 148254

Compliance Due Date: 12/04/2007

#### PERMIT WQ 12109-001

page 7 Permit Conditions No. 1

##### Alleged Violation:

Investigation 251733

Comment Date 12/02/2003

Failure by AquaSource Utility to accurately complete the July 2003 Discharge Monitoring Report (DMR). During the facility records review, it was noted that the July 2003 Discharge Monitoring Report (DMR) incorrectly reported the CBOD daily average effluent concentration to be 1.9 mg/l rather than 2.3 mg/l and the CBOD daily maximum concentration as 3.2 mg/l rather than 3.6 mg/l.

Investigation 573980

Comment Date 08/31/2007

Review of the information in the PCS database found the incorrect values have not been changed. The July 2003 DMR was requested during the July 23, 2007 investigation, but it was not available.

Failure to maintain records available for review is a repeat issue from the previous CCI in October 2003.

**Recommended Corrective Action:** Correct and resubmit the July 2003 DMR. Develop and implement a series of checks for proofreading DMRs prior to submittal to ensure accuracy in self-reported information. Develop and implement a standard operating procedure (SOP) for maintaining records available for review for the timeframes specified by the permit.

Submit a copy of the DMR and the SOP to the Region 10 office.

Track No: 148257

Compliance Due Date: 12/04/2007

#### 30 TAC Chapter 312.145(b)(1)(E)

#### PERMIT WQ 12109-001

page 5, Monitoring and Reporting Requirements, No. 3b

##### Alleged Violation:

Investigation 251733

Comment Date 11/24/2003

Failure by AquaSource Utility to maintain completed sludge disposal records at the wastewater treatment plant. This is a repeat citation from the 10/19/01 CCI. Sludge disposal records reviewed on 10/8/03 revealed that the WWTP did not have properly completed disposal manifests on file. The permittee uses Envirogenics (TCEQ Sludge Transporter Registration No. 21466) to wet haul thickened sludge to the Richey Road WWTP for dewatering and disposal. Trip ticket numbers 151015 and 152569 failed to identify the permit number for the disposal facility. The trip tickets also failed to contain the name, signature and phone number of the generator, or the name and signature of the disposal facility contact.

Investigation 573980

Comment Date 08/29/2007

Review of the sludge disposal manifests on July 23, 2007 found the 2007 manifests are not being signed by the permittee.

**Recommended Corrective Action:** Develop and implement methods to ensure that all sludge records are retained at the Cypress Bayou WWTP for five years. The sludge disposal trip

tickets must conform to requirements found in 30 Texas Administrative Code (TAC) 312.145 and a copy must be retained in accordance with 30 TAC 312.145 b (1)(E). Required information must include, but not be limited to: the date the sludge was removed from the facility; the name and amount of waste removed; name, address, telephone number, and signature of generator; and date signed; the name, address, telephone number, and registration number of the transporter; and name and signature of the responsible person acting for the transporter collecting, transporting and depositing the wastes; and the date of transportation; the name, permit and/or registration number of the receiving facility; the date the sludge was received; the volume of wastes received; and the name and signature of the receiving facility representative acknowledging receipt of the wastes.

Provide a copy of properly completed trip ticket nos. 151016 and 162569 to the Region 10 office.

---

**Track No:** 285294      **Compliance Due Date:** 12/04/2007

**30 TAC Chapter 317.4(a)(8)**

**30 TAC Chapter 317.7(i)**

**Alleged Violation:**

Investigation: 573980

Comment Date: 08/29/2007

Failure by Aqua Utilities, Inc. to ensure that all systems of collection, treatment, and disposal are properly operated and maintained.

During the investigation on July 23, 2007, it was also noted that there was no atmospheric vacuum breaker on the potable water hose bib at the WWTP.

**Recommended Corrective Action:** Equip the hose bibb with an atmospheric vacuum breaker.

Submit a photograph of the corrective action taken to the Region 10 office.

---

**Track No:** 285300      **Compliance Due Date:** 12/04/2007

**PERMIT OpR 1**

Operational Requirements, Pg. 9, No. 1

**Alleged Violation:**

Investigation: 573980

Comment Date: 08/29/2007

Failure by Aqua Utilities, Inc. to ensure that all systems of collection, treatment, and disposal are properly operated and maintained.

The following violations were observed during the facility walk-through:

1. The chlorine contact chamber had approximately 1-1.5' of black, septic solids in the corners.
2. The clarifier skimmer blade was not contacting the inner baffle of the unit.
3. The discharge hose (flex hose) had disconnected from one of the pumps in Lift Station #3.

**Recommended Corrective Action:** Remove and properly dispose of the solids in the chlorine contact chamber. Extend the skimmer blade to ensure contact with the baffle. Repair the disconnected hose in Lift Station #3.

Submit photographs of the corrective action taken to the Region 10 office.

---

**Track No:** 285303      **Compliance Due Date:** 12/04/2007

**PERMIT OpR 1**

Operational Requirements, Pg. 9, No. 1

**Alleged Violation:**

Investigation # 573980

Comment Date 08/29/2007

Failure by Aqua Utilities, Inc. to ensure that all systems of collection, treatment, and disposal are properly operated and maintained.

Corrosion was observed attacking the aeration basin's sewers and the plant piping.

**Recommended Corrective Action:** Recoat the corroded areas of the WWTP.

Submit photographs of the corrective action taken to the Region 10 office.

---

Track No: 285305

Compliance Due Date: 12/04/2007

**PERMIT M&RR 2**

Monitoring and Reporting Requirements Pg. 4, No. 2

**Alleged Violation:**

Investigation # 573980

Comment Date 08/29/2007

Failure by Aqua Utilities, Inc. to conduct chlorine residual analysis according to the color meter manufacturer specifications.

While observing Mr. Foust perform chlorine residual analysis, it was noted that he was only using one packet of DPD reagent when using the meter in high range. Review of the manufacturer's user manual found two packets of DPD are recommended.

**Recommended Corrective Action:** Develop and implement a standard operating procedure (SOP) for chlorine residual analysis using the color meter user manual.

Submit a copy of the SOP to the Region 10 office.

---

Track No: 285317

Compliance Due Date: 12/04/2007

**PERMIT M&RR 7c**

Monitoring and Reporting Requirements Pg. 6, No. 3c

**Alleged Violation:**

Investigation # 573980

Comment Date 08/29/2007

Failure by Aqua Utilities, Inc. to submit noncompliance notifications for each effluent violation that exceeds the permit limitation by greater than 40%.

Review of the data in the Permit Compliance System database and the regional files found the September 2006 and December 2006 >40% noncompliance notifications were incomplete. The permittee exceeded permit limitations by >40% for Ammonia daily average and daily maximum during both months. The notifications only included the daily maximum violations.

**Recommended Corrective Action:** Develop and implement a standard operating procedure (SOP) for submitting complete >40% noncompliance notifications. Amend the September 2006 and December 2006 noncompliance notifications to include the Ammonia daily average excursions.

Submit a copy of the SOP and the amended noncompliance notifications to the Region 10 office.

## ADDITIONAL ISSUES

DescriptionAdditional Comments

Does infiltration or flow adversely affect the collection system and/or the WWTP?

The permittee entered into a Compliance Agreement (CA) with TCEQ to resolve violations at this facility, 2 other WWTPs and 13 Public Drinking Water Systems. The permittee was required to submit an evaluation of the WWTP collection system by December 31, 2004, and complete all upgrades and repairs to the collection system by December 31, 2005. The permittee reported that Hurricane Rita delayed completion of the project. According to Mr. Foust, the repairs were finished in November 2006. A final report was not found in the Region 10 files. Please submit a final report on the collection system rehabilitation project to the Region 10 office.

Item one

The 2004 and 2005 annual sludge reports (ASRs) were not in the Regional files. During the CCI, Mr. Bautista reported that they were submitted to the Region 10 office with the ASRs for their other WWTPs. Regional files for WQ11249, WQ12454 and WQ13209 were reviewed and the ASRs were not located. Because the permit does not include reporting requirements for sludge hauled to another WWTP for disposal, this will be listed as an Additional Issue. Please submit the 2004 and 2005 ASRs to the Region 10 office.

Item two

Sludge is hauled by Enviroganics (Sludge Tr 21486) to the Roney Rd. WWTP (WQ0012378-002) for further treatment and disposal. The current permit does not authorize wet hauling sludge to another WWTP. Review of the most recent renewal application received on October 04, 2005, found that the permittee reported that sludge would be hauled to another WWTP for disposal. However, this disposal option was not included in the permit. Please contact the Municipal Permits Team to ensure wet hauling sludge to another WWTP is authorized in the next permit renewal.

Were region collected samples compliant with the permit limits for pH, DO and Cl<sub>2</sub> minimum?

The chlorine residual concentration was an item of concern during the investigation. A value of 1.0 mg/L was obtained in high range and a value of 0.32 mg/L was obtained in low range. Both the investigator's and Mr. Foust's colorimeters were used. The chlorine feed rate was adjusted during the CCI and later testing yielded a result of 1.1 mg/L. The chlorination system seemed to be functioning normally and the chlorine cylinders had an adequate volume. Mr. Foust was advised to monitor the chlorine residual concentration.

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



*Revy*

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 11, 2015

**CERTIFIED MAIL 7008 3230 00002 9593 3237**  
**RETURN RECEIPT REQUESTED**

Mr. Robert Laughman, President  
Aqua Utilities, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

RECEIVED

Re: Notice of Violation for Compliance Investigation at:  
Shadow Bay Wastewater Treatment Facility  
14407 West Lee Shore Drive, Montgomery County, Texas  
TCEQ ID No.: 11419-001, EPA ID No.: TX0027391

TX ADMIN-AUSTIN

Dear Mr. Laughman:

On July 15, 2015, Ms. Lauren Ruff of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, certain alleged violations were noted. Please submit to this office by October 12, 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 <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 Houston Region Office at 713-767-3650 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 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 Houston Region Office within 10 days from the date of this letter. At that time, Ms. Elizabeth Sears,

Robert Laughman  
Page 2  
September 11, 2015

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

If you or members of your staff have any questions, please feel free to contact Ms. Lauren Ruff in the Houston Region Office at Phone #713-767-3517.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Region 12 Houston

EWS/LCR/ci

cc: Abel M. Bautista, Wastewater Compliance Coordinator, 2211 Louetta Road, Spring,  
Texas 77388

Enclosure: Summary of Investigation Findings

## Summary of Investigation Findings

SHADOW BAY PLANT

Investigation #

1274294

Investigation Date: 07/15/2015

, MONTGOMERY COUNTY,

Additional ID(s): TX0027391  
WQ0011419001

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 581601      Compliance Due Date: 07/29/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1274294

Comment Date: 08/24/2015

Failed to properly operate and/or maintain the facility. Specifically, the aeration basin had 10 inches of freeboard.

**Recommended Corrective Action:** All aeration tanks shall have a freeboard of not less than 18 inches at peak flow. Submit documentation indicating that the required amount of freeboard is being maintained in the aeration basin.

Track No: 581621      Compliance Due Date: 07/29/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1274294

Comment Date: 09/11/2015

Failed to properly maintain the facility. Specifically, the clarifier weirs are uneven. Water was not being distributed evenly into the effluent launder.

**Recommended Corrective Action:** Submit documentation indicating that the weirs have been repaired and leveled.

Track No: 581624      Compliance Due Date: 07/29/2015  
30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1274294

Comment Date: 08/24/2015

Failed to properly operate and maintain the facility. Specifically, the chlorine contact basin contained ten inches of sludge in a total water depth of nine feet.

**Recommended Corrective Action:** The wastewater treatment plant must be operated in a manner which prevents a reduction of capacity in the chlorine contact basin and minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream. Submit documentation indicating that the sludge has been removed from the chlorine contact basin and disposed of properly.

Track No: 581722      Compliance Due Date: 07/29/2015  
30 TAC Chapter 305.125(1)

PERMIT WQ0011419001, M and RR, No. 5  
Monitoring and Reporting Requirements, No. 5

**Alleged Violation:**

Investigation: 1274294

Comment Date: 08/25/2015

Failed to ensure flow measurement accuracy. Specifically, the flow measurement accuracy

**SHADOW BAY PLANT****Investigation # 1274294**

check performed during the investigation revealed that the staff gauge measured 0.40 head feet and the flow meter measured 2.92 head feet. The flow accuracy check was off by 57%.

**Recommended Corrective Action:** The flow meter shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually. Submit documentation indicating that the flow meter has been accurately calibrated.



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



*Don*

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

April 15, 2015

RECEIVED

Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400 W  
Austin, Texas 78723

TX ADMIN-AUSTIN

Re: Notice of Compliance for Notice of Violation dated September 3, 2014:  
Timberloch Estates Wastewater Treatment Plant, 16103 Bushy Oaks Trail, Magnolia,  
Montgomery County, Texas  
TCEQ ID No.: 14007-001, EPA ID: TX0117846

Dear Mr. Laughman:

This letter is to inform you that the Texas Commission on Environmental Quality (TCEQ) Houston Region Office has received adequate compliance documentation on April 9, 2015 to resolve the alleged violation documented during the investigation of the above-referenced regulated entity conducted on July 3, 2014. Based on the information submitted, no further action is required concerning this investigation.

The Texas Commission on Environmental Quality appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions, please feel free to contact Ms. Stacy Pentecost in the Houston Region Office at (713) 767-3667.

Sincerely,

A handwritten signature in black ink, appearing to read "ES", followed by a horizontal line.

Elizabeth Sears  
Team Leader  
Water Quality Management  
Region 12 Houston

EWS/SSP/ci

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road,  
Spring, Texas 77388

Lonnie

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

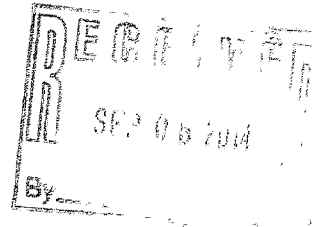


## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 3, 2014

**CERTIFIED MAIL 7012 1640 0001 7339 1144**  
**RETURN RECEIPT REQUESTED**



Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400 W  
Austin, Texas 78723

Re: Notice of Violation for the Compliance Evaluation Investigation at:  
Timberloch Estates Wastewater Treatment Plant, 16103 Bushy Oaks Trail, Magnolia,  
(Montgomery County), Texas  
TCEQ ID No.: 14007-001, EPA ID: TX0117846

Dear Mr. Laughman,

On July 3, 2014, Mr. Rick Felan of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, one concern was noted as an alleged noncompliance. Please submit to this office by October 3, 2014 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 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 <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 Houston Region Office at (713) 767-3650 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 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 Houston Region Office within 10 days from the date of this letter. At that time, Ms. Elizabeth Sears,

Robert Laughman, President  
September 3, 2014  
Page 2

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

If you or members of your staff have any questions, please feel free to contact Mr. Rick Felan in the Houston Region Office at (713) 767-3612.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Region 12 Houston

EWS/RAF/ci

Enclosures: Summary of Investigation Findings

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road, Spring, Texas 77388

## Summary of Investigation Findings

<b>TIMBERLOCH ESTATES WWTP</b> 11100 BRITTMORE PARK DR AUSTIN, MONTGOMERY COUNTY, TX 78041  Additional ID(s): TX0117846 WQ0014007001	<b>Investigation #</b> 1187105 <b>Investigation Date:</b> 07/03/2014
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### OUTSTANDING ALLEGED VIOLATION(S)

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Track No: 544687      Compliance Due Date: 07/17/2014

30 TAC Chapter 317.4(a)(8)

30 TAC Chapter 317.7(i)

PERMIT WQ0014007001, 30 TAC 305.125(1)

**Alleged Violation:**

Investigation: 1187105

Comment Date: 08/12/2014

Failed to provide a reduced-pressure principal backflow prevention assembly (RPBA) between the public drinking water supply system and the wastewater treatment plant facility.

**Recommended Corrective Action:** There shall be no water connection from any public drinking water supply system to a wastewater treatment plant facility unless made through an air gap or a backflow prevention device, in accordance with AWWA Standard C506 (latest revision) and AWWA Manual M14. All backflow prevention devices shall be tested annually with the test and maintenance report forms retained for a minimum of three years. Submit documentation indicating that an RPBA has been installed at the wastewater treatment plant. Also, submit a passing test certificate for the device.

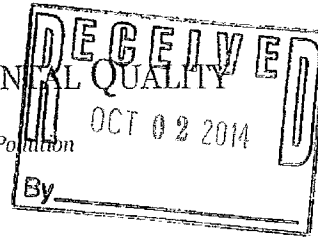
Rey

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*



September 29, 2014

Mr. Robert L. Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Compliance Evaluation Investigation at: Timberwilde Wastewater Treatment Plant,  
8002 Lazy Lane, Spring (Harris County), Texas  
TPDES Permit No. WQ0012519-001, EPA ID No.: TX0089915

Dear Mr. Laughman:

On July 31, 2014, Ms. Christi Torres of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable water quality requirements. During the investigation, some concerns were noted as an alleged noncompliance or additional issues. Through subsequent corrective action, the alleged noncompliance has been resolved as an Area of Concern. Therefore, no violations are being alleged as a result of the investigation. Please see the additional issues.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Ms. Christi Torres in the Houston Region Office at 713-767-3774.

Sincerely,

A handwritten signature in dark ink, appearing to read "BS Sullivan".

Barbara Sullivan  
Team Leader  
Water Quality Management  
Region 12 Houston

BSS/CHT/mar

cc: Mr. Abel Bautista, Wastewater Compliance Coordinator, 2211 Louetta Road, Spring, TX  
77388

Enclosures: Summary of Investigation Findings

## Summary of Investigation Findings

TIMBERWILDE WWTP

11100 BRITTMOORE PARK DR  
HOUSTON, HARRIS COUNTY, TX 77041

Investigation #

1185866  
Investigation Date: 07/31/2014

Additional ID(s): WQ0012519001  
TX0089915

### AREA OF CONCERN

Track No: 548585

30 TAC Chapter 305.125(5)

#### Alleged Violation:

Investigation: 1185866

Comment Date: 09/17/2014

Failed to properly operate and maintain the facility. Specifically, the wet well at the on-site lift station contained an excessive amount of grease.

**Recommended Corrective Action:** The grease must be removed and disposed of properly in order to ensure proper functioning of the lift station and its pumps. Submit documentation indicating that the on-site lift station wet well has been cleaned.

**Resolution:** On August 6, 2014, documentation was submitted indicating the wet well at the on-site lift station had been cleaned.

### ADDITIONAL ISSUES

#### Description

Aeration basin(s) or tank(s)?

#### Additional Comments

The thirty minute settleable solids concentration (SV30) in the aeration basin was 95 % and the mixed liquor suspended solids (MLSS) concentration was 9,820 mg/L. The wastewater treatment plant must be operated in a manner which minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream; therefore, the solids level should be properly maintain in the aeration basin.

Clarifier(s)?

The sludge blanket in the clarifier was 7 feet in a 9 foot water depth. The wastewater treatment plant must be operated in a manner which minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream; therefore, the solids level should be properly maintained in the clarifier.

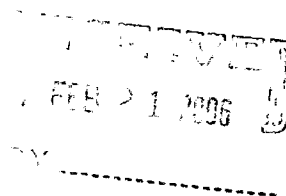
Harris County  
**HCPHES**  
Public Health & Environmental Services

**Hermilia Palacio, M.D., M.P.H.**  
Executive Director  
2223 West Loop South  
Houston, Texas 77027  
Tele: (713) 439-6000  
Fax: (713) 439-6080

**B. Z. (Bud) Karachiwala, M.S., M.B.A.**  
Division Director  
Pollution Control & Environmental Health  
107 N. Munger  
Pasadena, TX 77506  
Tele: (713) 439-6262  
Fax: (713) 439-6316

February 16, 2006

Aqua Texas Inc.  
1421 Wells Branch Parkway  
Suite 105  
Pflugerville, TX 78660-3230



Attn: Mr. Steve Blackhurst

Dear Sir or Madam:

The circumstances described below constitute a violation of Chapter 26 of the Texas Water Code. You are requested to inform this office in writing within ten (10) days of the steps being taken to eliminate the cause of this violation and to prevent recurrence. If the services of an independent laboratory or consultant have been used in making your response, please provide us with names and addresses.

NAME OF OFFENDER: Aqua Texas, Inc. – West by NW Industrial Park

PERSON CONTACTED: Steve White

NATURE OF VIOLATION:

On January 17, 2006 at 11:45 a.m., Michael R. Wehr of this office collected a sample from the West by Northwest Industrial Park Wastewater Treatment Plant – Outfall 001. Analysis of this sample using accepted analytical methods determined the following violation of discharge permit number WQ12222-01:

<u>ITEM</u>	<u>DETERMINED CONCENTRATION</u>	<u>MINIMUM LIMIT</u>
Chlorine	0.30 mg/l	1.0 mg/l

**VIOLATION NOTICE**

AquaSource Utility, Inc. –  
West by NW Industrial Park  
February 16, 2006  
Page 2

Insufficient chlorine residual resulted in fecal coliform concentration of 297 cells/100ml in the effluent.

Insufficient chlorine residual resulted in fecal streptococcus concentration of 2,900 cells/100ml in the effluent.

Under the Texas Water Code, you are subject to civil penalties of \$50 to \$25,000 per day and/or criminal penalties of \$500 to \$100,000 per day or more for each violation. A case by case review is conducted when each Violation Notice is issued. The ultimate disposition of each case is dependent upon factors such as the nature, magnitude and duration of the violation, steps taken to mitigate the violation, previous violations, and the contents of any response received. In the event that further enforcement action is appropriate, this office may file criminal charges in County Criminal Court, or request that the County Attorney file a civil suit in the Harris County Civil District Courts, or both, as provided by law. Should you have any questions concerning this Violation Notice, or wish to arrange a conference to discuss any compliance plan, please call Chris Barry at (713) 920-2831.

Sincerely,



B. Z. Karachiwala, Director  
Pollution Control & Environmental Health

CB/ljg





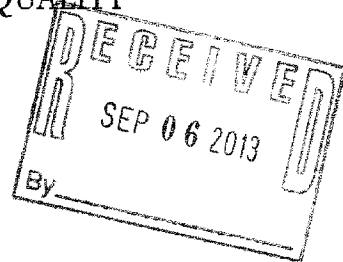
Bryan W. Shaw, Ph.D., *Chairman*  
Carlos Rubinstein, *Commissioner*  
Toby Baker, *Commissioner*  
Zak Covar, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

September 4, 2013



Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Notice of Compliance with Notice of Violation (NOV) dated *July 10, 2013*:  
Aqua Texas, Inc.  
White Oak Ranch Wastewater Treatment Facility  
Conroe, Montgomery County  
TCEQ ID No.: WQ0014114001, Investigation No. 1094093

Dear Mr. Laughman:

This letter is to inform you that the Texas Commission on Environmental Quality (TCEQ) Houston Region Office received adequate compliance documentation on August 13, 2013 to resolve the alleged violations documented during the investigation of the above-referenced regulated entity conducted on May 29, 2013. 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 Heather Maloney at the Houston Region Office at (713)767-3776.

Sincerely,

A handwritten signature in black ink, appearing to be "ES" or "Elizabeth Sears".

Elizabeth Sears  
Team Leader  
Water Quality Management  
Houston Region Office

EWS/HMM/ci

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc, 2211 Louetta Road,  
Spring, Texas 77388

White Oak Ranch Lounie

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



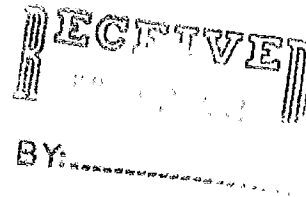
## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 10, 2013

**CERTIFIED MAIL 7012 1640 0001 7338 7932**  
**RETURN RECEIPT REQUESTED**

Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723



Re: Notice of Violation for Compliance Investigation at:  
Aqua Texas, Inc.  
White Oak Ranch Wastewater Treatment Facility  
Conroe, Montgomery County  
TCEQ ID No.: WQ0014114001, EPA ID No.: TX0119504

Dear Mr. Laughman:

On May 29, 2013, Heather Maloney of the Texas Commission on Environmental Quality (TCEQ) Houston 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. During the investigation, some concerns were noted which were alleged noncompliances that have been resolved based on subsequent corrective action. In addition, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by August 12, 2013 a written description of the 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 <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 Houston Region Office at (713)767-3650 or the Central Office Publications Ordering Team at 512-239-0028. Copies of applicable federal regulations may be obtained by calling Environmental Protection Agency's Publications at 800-490-9198.

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 Houston

Mr. Robert Laughman  
Page 2  
July 10, 2013

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

If you or members of your staff have any questions, please feel free to contact Ms. Maloney in the Houston Region Office at (713)767-3776.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Houston Region Office

EWS/HMM/cs

Enclosure(s): Summary of Investigation Findings

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc, 2211 Louetta Road,  
Spring, Texas 77388

## Summary of Investigation Findings

AQUASOURCE DEVELOPMENT COMPANY

Investigation #

1094093  
Investigation Date: 05/29/2013

, MONTGOMERY COUNTY,

Additional ID(s): WQ0014114001  
TX0119504

### OUTSTANDING ALLEGED VIOLATION(S)

Track No: 506422 Compliance Due Date: 06/29/2013

30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1094093

Comment Date: 06/28/2013

Failed to maintain the required number of operational blowers. Specifically, the back-up blower was not operational.

**Recommended Corrective Action:** The blowers shall be designed so that the maximum design air requirements can be met with the largest single unit out of service. Submit documentation indicating that the back-up blower has been repaired or replaced.

Track No: 506424 Compliance Due Date: 06/29/2013

30 TAC Chapter 305.125(5)

**Alleged Violation:**

Investigation: 1094093

Comment Date: 06/28/2013

Failed to properly operate and maintain the facility. Specifically, the chlorine contact basin contained one foot of sludge in a total water depth of nine feet.

**Recommended Corrective Action:** The wastewater treatment plant must be operated in a manner which prevents a reduction of capacity in the chlorine contact basin and minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream. Submit documentation indicating that the sludge has been removed from the chlorine contact basin and disposed of properly.

### ALLEGED VIOLATION(S) NOTED AND RESOLVED

Track No: 506427

30 TAC Chapter 317.7(d)

**Alleged Violation:**

Investigation: 1094093

Comment Date: 06/28/2013

Failed to mark hydrants and outlets as "unsafe water". Specifically, the non-potable water spigot on top of the wastewater treatment plant was not marked as such.

**Recommended Corrective Action:** When non-potable water is made available to any part of the plant, all yard hydrants and outlets shall be properly marked "Unsafe Water". Submit documentation indicating that the proper signage has been posted.

**Resolution:** Pictures showing that the non-potable water spigot on top of the wastewater treatment plant has been properly marked were received on June 19, 2013.

### AREA OF CONCERN

Track No: 506425

30 TAC Chapter 317.3(e)(5)

**Alleged Violation:**

Investigation: 1094093

Comment Date: 06/28/2013

Failed to provide the required alarm system. Specifically, the off-site lift station was not equipped with an audible alarm.

**Recommended Corrective Action:** An audiovisual alarm system (red flashing light and horn) shall be provided for all lift stations. The alarm system shall be activated in case of power outage, pump failure, or a specified high water level. Submit documentation indicating that an appropriate alarm system has been installed at the off-site lift station.

**Resolution:** A work order, dated June 7, 2013, for the installation of an audible alarm at the off-site lift station was received on June 21, 2013.

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

July 17, 2015

RECEIVED

JUL 22 2015

Mr. Robert Laughman, President  
Aqua Utilities, Inc.  
1106 Clayton Ln., Suite 400 W.  
Austin, Texas 78723-2476

TX ADMIN-AUSTIN

Re: Compliance Evaluation Investigation at:  
Willow Oaks Wastewater Treatment Plant  
Bettywood Ln., Tomball (Harris County), Texas  
TCEQ ID No.: WQ0013619-001, EPA ID No.: TX0083976

Dear Mr. Laughman:

On May 28, 2015, Mr. Bruce Miebs, of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, a concern was noted as an alleged noncompliance. An Additional Issue was also noted at this time. Through subsequent corrective actions, the noncompliance has been resolved as an Area of Concern. No further response is necessary concerning this investigation. However, please see the Additional Issue.

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.

If you or members of your staff have any questions, please feel free to contact Mr. Miebs, in the Houston Region Office at (713) 767-3569.

Sincerely,

A handwritten signature in black ink, appearing to read "BS Sullivan".

Barbara Sullivan  
Team Leader  
Water Quality Management  
Region 12 Houston

BSS/BPM/ra

cc: Mr. Abel Bautista, Compliance Manager, Aqua Utilities, Inc., 2211 Louetta Road,  
Spring, Texas 77388

Enclosures: Summary of Investigation Findings

TCEQ Region 12 • 5425 Polk St., Ste. H • Houston, Texas 77023-1452 • 713-767-3500 • Fax 713-767-3520

Austin Headquarters: 512-239-1000 • [tceq.texas.gov](http://tceq.texas.gov) • How is our customer service? [tceq.texas.gov/customer/survey](http://tceq.texas.gov/customer/survey)  
printed on recycled paper

## Summary of Investigation Findings

WILLOW OAKS WASTEWATER TREATMENT FACILITY

Investigation #

1253955

Investigation Date: 05/28/2015

, HARRIS COUNTY,

Additional ID(s): TX0083976  
WQ0013619001

### AREA OF CONCERN

Track No: 576190

30 TAC Chapter 305.125(5)

#### Alleged Violation:

Investigation: 1253955

Comment Date: 07/17/2015

Failed to properly operate and maintain the facility. Specifically, the chlorine contact basin contained 10 inches of solids in 9 feet of water depth.

**Recommended Corrective Action:** The wastewater treatment plant must be operated in a manner which prevents a reduction of capacity in the chlorine contact basin and minimizes the risk of untreated or inadequately treated wastewater from being discharged to the receiving stream. Submit documentation indicating that the sludge has been removed from the chlorine contact basin and disposed of properly.

**Resolution:** On June 16, 2015, the facility representative submitted documentation verifying that the solids in the chlorine contact basin had been removed and properly disposed of.

### ADDITIONAL ISSUES

#### Description

Is an RPZ backflow prevention device or an air gap installed on the main potable line to the WWTP and are atmospheric vacuum breakers installed on hose bibs? If there is an RPZ backflow prevention device is the device operated properly and tested annually?

#### Additional Comments

During the on-site investigation, it was noted that a vacuum breaker was not installed on the hose-bib using potable water. On June 16, 2015, the facility representative submitted documentation verifying that the vacuum breaker had been installed.

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



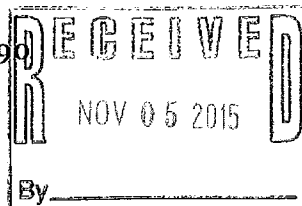
Rmg

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

November 2, 2015

**CERTIFIED MAIL 7013 3020 0000 9763 3790**  
**RETURN RECEIPT REQUESTED**



Robert Laughman, President  
Aqua Texas, Inc.  
1106 Clayton Lane, Suite 400W  
Austin, Texas 78723

Re: Notice of Violation for the Compliance Evaluation Investigation at:  
Woodland 50 MF Wastewater Treatment Facility, 29904 Farm-to-Market Road 2978,  
Magnolia, Montgomery County, Texas 77354  
TCEQ ID No.: WQ0014973001, EPA ID No.: TX0132632

Dear Mr. Laughman:

On August 19, 2015, Ms. Joanna Wilson of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable water quality requirements. Enclosed is a summary which lists the investigation findings. During the investigation, some concerns were noted as alleged noncompliances or additional issues. Through subsequent corrective action, an alleged noncompliance has been resolved as an Area of Concern. In addition, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by December 2, 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. Also, see the Additional Issue.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <http://www.tceq.state.tx.us> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Houston Region Office at 713-767-3650 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 Houston

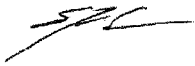


Robert Laughman, President  
November 2, 2015  
Page 2

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

If you or members of your staff have any questions, please feel free to contact Ms. Joanna Wilson in the Houston Region Office at 713-767-3716.

Sincerely,



Elizabeth Sears  
Team Leader  
Water Quality Management  
Region 12 Houston

EWS/JKW/ci

cc: Abel Bautista, Wastewater Compliance Coordinator, Aqua Texas, Inc., 2211 Louetta Road, Spring, Texas 77388

Enclosure(s): Summary of Investigation Findings

## Summary of Investigation Findings

**KENROC PLANT**

29909 FM 2978 RD

MAGNOLIA, MONTGOMERY COUNTY, TX 77354

Investigation #

1281513

Investigation Date: 08/19/2015

Additional ID(s): WQ0014973001

TX0132632

### OUTSTANDING ALLEGED VIOLATION(S)

**Track No: 586345      Compliance Due Date: 09/03/2015****30 TAC Chapter 217.280(a)****Alleged Violation:**

Investigation: 1281513

Comment Date: 10/29/2015

Failed to provide at least two chemical solution pumps. Specifically, the facility only had one solution pump for the liquid bleach disinfectant.

**Recommended Corrective Action:** A sodium hypochlorite (NaClO/liquid bleach) system must include at least two chemical solution pumps and must ensure that the capacity requirements of §217.272(b) are met with the largest pump out of service. Submit documentation indicating that redundant chemical solution pumps have been provided for the NaClO system.

**Track No: 586346      Compliance Due Date: 09/03/2015****30 TAC Chapter 217.280(f)(3)****Alleged Violation:**

Investigation: 1281513

Comment Date: 10/29/2015

Failed to provide secondary containment for the chemical storage area. Specifically, the facility did not have secondary containment for the sodium hypochlorite storage area.

**Recommended Corrective Action:** A chemical storage area must have secondary containment equal to 125% of the volume of the largest storage tank. A tank must be placed on an equipment pad that is elevated above the secondary containment maximum liquid level or provided with positive drainage from below the tank. Submit documentation indicating that an appropriate secondary containment area has been constructed for the sodium hypochlorite storage area.

**Track No: 586347      Compliance Due Date: 09/03/2015****30 TAC Chapter 217.327****Alleged Violation:**

Investigation: 1281513

Comment Date: 10/29/2015

Failed to mark hydrants and outlets at the wastewater treatment plant as "non-potable water" or "unsafe water". Specifically, the non-potable water piping was not labeled as necessary.

**Recommended Corrective Action:** Each hydrant and outlet for non-potable water must be clearly marked as "NON-POTABLE WATER" or "UNSAFE WATER". Submit documentation indicating that the proper signage has been posted.

**Track No: 586348      Compliance Due Date: 09/03/2015****30 TAC Chapter 217.63(c)****Alleged Violation:**

Investigation: 1281513

Comment Date: 10/16/2015