

Sample Iced?		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Temperature		6.9 °C			
Corrected Temp		6.9 °C			
Received By (Lab):		Polyma Patel			
Retriggered By (Counter):					
Received By (Counter, if applicable):					
Date / Time:		18/4/23 4:02			
Date / Time:		17.04.23 / 16:02			
Incubation Date & Time					
Begin					
End					
Date: 12/14/23		Date: 12/15/23			
Time: 17:07		Time: 17:10			
Date: 12/15		Date: 12/15			
Time: 13:08		Time: 13:08			
Report to Client By:		Report to Client By:			

[illegible]

24B1430



24A1637

TCEQ Microbial Reporting Form (TCEQ-10525)

Form Instructions: www.tceq.texas.gov/drinkingwater/microbial/reviased-total-calcform-rule

Water System Identification & Sample Collection Information (Please print or type the information)

North Water District Laboratory Services
130 South Trade Center Pkwy
Conroe Tx 77385
Phone: (936) 321-6060
Email: lab@nwdls.com

Public Water System ID
(Must be 7 digits; include all zeros)

TX

1700673

Public Water System Name:

Falls of Wildwood

Report Results To

Name

T&W WATER SERVICE dba BLUE TOPAZ UTILITIES

Address

PO BOX 2927

City

CONROE

State

TEXAS

Zip Code

77305

Phone #

936-756-7400

PWS Email

info@bluetopazutilities.com

Laboratory Analysis

Sample Used?

Yes ☒ No ☐

Temperature (°C)

Actual Temp

5.8

Corrected Temp

5.8

Lab Comments

210556882

Incubation Date and Time

Lab Rejected Code (LR) - Document Reason:

Start Date and Time

11/2/24 1725

Analyst

ARC

End Date and Time

11/2/24 1130

Analyst

ARC

Result Reporting and Approval

Laboratory Approval

[Signature]

Date

11/3/24

Time

1155

Reported to PWS By

[Signature]

Date

11/3/24

Time

1155

Laboratory Analysis Results

Rejection Code
(if applicable)
Please Recontact

Test Method:

Chlorine Check

Absent Present

Total Coliform

Absent Present

E. coli

Absent Present

Analysis Results meet all accreditation requirements unless stated otherwise

Laboratory Sample ID Number

24A1637-01

02

Sample Identification/Location

Sample Type (V one)

Collected

Chlorine Residual

Original Sample Info: Sample ID and Date of Collection (Repeat, TSM Raw Well, Replacement)

Use sample site location/address identified in the system's RTR Sample String Plan

Raw Wells: Use Well Source ID (Ex. G1234567A)

Rawline (Distribution)

Repeat

Raw Well

Special

Construction

Date (MM/DD/YY)

Time Military Time (HHMM)

Free mg/L

Total mg/L

Replacement

3P134 Cascade

✓

11/2/24

12:33

1.09

✓

G1700673 B

✓

11/2/24

12:45

0.00

✓

I acknowledge that samples were handled appropriately and all information is accurate. Falsification of this form or tampering with water samples is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)

Sampler Name (Print):

Lucio Ayala

Sampler Signature:

Sampler Phone #:

(936) 756 - 7400

Sampler Email:

info@bluetopazutilities.com

Operator License # (if applicable):

WO0021246

Relinquished By Sampler:

Date and Time:

Received By Courier (if applicable):

Date and Time:

Relinquished By Courier:

Date and Time:

Received By Lab:

Date and Time:

[Signature]

11/2/24 17:53

KMC

11/2/24 1553

TCEQ Microbial Reporting Form (TCEQ-10525) Form Instructions: www.tceq.texas.gov/drinkingwater/microbial-reporting-form (rev. 01-15-2015) Public Water System ID (Must be 7 digits; include all zeros) Public Water System Name: T&W WATER SERVICE dba BLUE TOPAZ UTILITIES PO BOX 2927 CONROE TEXAS 77305 936-756-7400 info@bluetopazutilities.com

Sample ID: 24C2297
 Date: 3/24/14
 Time: 14:38
 Lab: 21056882
 Analyst: ARC
 Method: MB
 Incubation Date and Time: 3/24/14 18:14
 Start Date and Time: 3/24/14 18:14
 End Date and Time: 3/24/14 12:14
 Result Reporting and Approval: [Signature]
 Laboratory Approval: [Signature]
 Reported to PWS: [Signature]
 Date: 3/24/14
 Time: 14:38

Sample ID: 24C2297-01
 Date: 3/24/14
 Time: 14:38
 Lab: 21056882
 Analyst: ARC
 Method: MB
 Incubation Date and Time: 3/24/14 18:14
 Start Date and Time: 3/24/14 18:14
 End Date and Time: 3/24/14 12:14
 Result Reporting and Approval: [Signature]
 Laboratory Approval: [Signature]
 Reported to PWS: [Signature]
 Date: 3/24/14
 Time: 14:38

Sample ID	Date	Time	Lab	Analyst	Method	Incubation Date and Time	Start Date and Time	End Date and Time	Result Reporting and Approval	Laboratory Approval	Reported to PWS	Date	Time
24C2297-01	3/24/14	14:38	21056882	ARC	MB	3/24/14 18:14	3/24/14 18:14	3/24/14 12:14	[Signature]	[Signature]	[Signature]	3/24/14	14:38

Acknowledge that samples were handled appropriately and all information is accurate. Falsification of this form is a crime punishable under state and/or federal law. (Texas Penal Code, Title 8, Chapter 37.10)
 Sample Name (Print): Jordan Davis
 Sample Email: info@bluetopazutilities.com
 Date and Time: 3/24/14
 Received By: [Signature]
 Date and Time: 3/24/14
 Received By Lab: [Signature]
 Date and Time: 3/24/14
 Operator License #: WG0012850
 Sample Phone #: (936) 756-7400

TCEQ Microbial Reporting Form (TCEQ-10525)
 Form instructions: www.tceq.texas.gov/drinkingwater/microbioal-report-form-rules
 Water System Identification & Sample Collection Information (Please print or type the information)
 Public Water System ID _____
 (Must be 7 digits; include all zeros)
 Public Water System Name: _____
 Falls of Mills
 1770-673
 TX

Page 1 of 1

TCEQ-10525 (Rev. 11/2023)

REC'D: 10/25/80

**Texas Commission on Environmental Quality
Customer Service Inspection Certificate**

Name of PWS:	
PWS ID #:	
Location of Service:	<u>14602 MAJESTIC OAKS, MAGNOLIA TX 77354</u>

Reason for Inspection: New construction ☐
 Existing service where contaminant hazards are suspected ☐
 Major renovation or expansion of distribution facilities ☐

I _____, upon inspection of the private water distribution facilities connected to the aforementioned public water supply do hereby certify that, to the best of my knowledge:

Compliance	Non-Compliance	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(1) No direct connection between the public drinking water supply and a potential source of contamination exists. Potential sources of contamination are isolated from the public water system by an air gap or an appropriate backflow prevention assembly in accordance with Commission regulations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(2) No cross-connection between the public drinking water supply and a private water system exists. Where an actual air gap is not maintained between the public water supply and a private water supply, an approved reduced pressure principle backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention assembly tester.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(3) No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the public water supply.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(4) No pipe or pipe fitting which contains more than 8.0% lead exists in private water distribution facilities installed on or after July 1, 1988 and prior to January 4, 2014.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(5) Plumbing installed after January 4, 2014 bears the expected labeling indicating $\leq 0.25\%$ lead content. If not properly labeled, please provide written comment.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(6) No solder or flux which contains more than 0.2% lead exists in private water distribution facilities installed on or after July 1, 1988.

I further certify that the following materials were used in the installation of the private water distribution facilities:

Service lines; Lead ☐ Copper ☐ PVC ☒ Other ☐
 Solder; Lead ☐ Lead Free ☐ Solvent Weld ☐ Other ☒

I recognize that this document shall become a permanent record of the aforementioned Public Water System and that I am legally responsible for the validity of the information I have provided.

Remarks:	

Signature of Inspector: <u>[Signature]</u>	Registration Number:
Title: <u>[Signature]</u>	Type of Registration:
Date: <u>6-20-2016</u>	

**Texas Commission on Environmental Quality
Customer Service Inspection Certificate**

Name of PWS:	
PWS ID #:	
Location of Service:	14602 MAJESTIC OAKS, MAGNOLIA TX 77354

Reason for Inspection: New construction ☐
 Existing service where contaminant hazards are suspected ☐
 Major renovation or expansion of distribution facilities ☐

I _____, upon inspection of the private water distribution facilities connected to the aforementioned public water supply do hereby certify that, to the best of my knowledge:

Compliance	Non-Compliance	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(1) No direct connection between the public drinking water supply and a potential source of contamination exists. Potential sources of contamination are isolated from the public water system by an air gap or an appropriate backflow prevention assembly in accordance with Commission regulations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(2) No cross-connection between the public drinking water supply and a private water system exists. Where an actual air gap is not maintained between the public water supply and a private water supply, an approved reduced pressure principle backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention assembly tester.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(3) No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the public water supply.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(4) No pipe or pipe fitting which contains more than 8.0% lead exists in private water distribution facilities installed on or after July 1, 1988 and prior to January 4, 2014.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(5) Plumbing installed after January 4, 2014 bears the expected labeling indicating $\leq 0.25\%$ lead content. If not properly labeled, please provide written comment.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(6) No solder or flux which contains more than 0.2% lead exists in private water distribution facilities installed on or after July 1, 1988.

I further certify that the following materials were used in the installation of the private water distribution facilities:

Service lines; Lead ☐ Copper ☐ PVC ☒ Other ☐
 Solder; Lead ☐ Lead Free ☐ Solvent Weld ☐ Other ☒

I recognize that this document shall become a permanent record of the aforementioned Public Water System and that I am legally responsible for the validity of the information I have provided.

Remarks:	

Signature of Inspector:	<i>[Signature]</i>	Registration Number:	
Title:	<i>[Signature]</i>	Type of Registration:	
Date:	<i>6-20-2016</i>		

Texas Commission on Environmental Quality
Customer Service Inspection Certificate

Name of PWS:	T&W Water
PWS ID #:	
Location of Service:	38110 Cascade Ct

Reason for Inspection:	
New construction	<input checked="" type="checkbox"/>
Existing service where contaminant hazards are suspected	<input type="checkbox"/>
Material improvement, correction or expansion of distribution facilities	<input type="checkbox"/>

I, Harold Seale, upon inspection of the private water distribution facilities connected to the aforementioned public water supply do hereby certify that, to the best of my knowledge

Compliance	Non-Compliance	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(1) No direct or indirect connection between the public drinking water supply and a potential source of contamination exists. Potential sources of contamination are isolated from the public water system by an air gap or an appropriate backflow prevention assembly in accordance with Commission regulations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(2) No cross-connection between the public drinking water supply and a private water system exists. Where an actual air gap is not maintained between the public water supply and a private water supply, an approved reduced pressure principle backflow prevention assembly is properly installed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(3) No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the public water supply.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(4) No pipe or pipe fitting which contains more than 8.0% lead exists in private water distribution facilities installed on or after July 1, 1988 and prior to January 4, 2014.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(5) Plumbing installed on or after January 4, 2014 bears the expected labeling indicating $\leq 0.25\%$ lead content. If not properly labeled, please provide written comment.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(6) No solder or flux which contains more than 0.2% lead exists in private water distribution facilities installed on or after July 1, 1988.

I further certify that the following materials were used in the installation of the private water distribution facilities:

Service lines:	Lead <input type="checkbox"/>	Copper <input checked="" type="checkbox"/>	PVC <input checked="" type="checkbox"/>	Other <input checked="" type="checkbox"/> PEX
Solder:	Lead <input type="checkbox"/>	Lead Free <input checked="" type="checkbox"/>	Solvent Weld <input checked="" type="checkbox"/>	Other <input type="checkbox"/>

Remarks:	PASS

I recognize that this document shall be retained by the aforementioned Public Water System for a minimum of ten years and that I am legally responsible for the validity of the information I have provided.

Signature of Inspector:	<i>Harold Seale</i>	License Type:	CSI
Inspector Name(Print/Type):	Harold Seale	License Number:	CI0005025
Title of Inspector:	Fee Inspector	Date / Time of Insp.:	9-6-19 / 1:00

A Customer Service Inspection Certificate should be on file for each connection in a public water system to document compliance with 30 TAC § 290.44(h)/290.46(j).

**Texas Commission on Environmental Quality
Customer Service Inspection Certificate**

Name of PWS:	
PWS ID #:	
Location of Service:	38226 Cascade Ct, Magnolia, TX 77354

Reason for Inspection: New construction ☒
 Existing service where contaminant hazards are suspected ☐
 Major renovation or expansion of distribution facilities ☐

I Claude Allen Burk, upon inspection of the private water distribution facilities connected to the aforementioned public water supply do hereby certify that, to the best of my knowledge:

Compliance	Non-Compliance	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(1) No direct connection between the public drinking water supply and a potential source of contamination exists. Potential sources of contamination are isolated from the public water system by an air gap or an appropriate backflow prevention assembly in accordance with Commission regulations.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(2) No cross-connection between the public drinking water supply and a private water system exists. Where an actual air gap is not maintained between the public water supply and a private water supply, an approved reduced pressure principle backflow prevention assembly is properly installed and a service agreement exists for annual inspection and testing by a certified backflow prevention assembly tester.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(3) No connection exists which would allow the return of water used for condensing, cooling or industrial processes back to the public water supply.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(4) No pipe or pipe fitting which contains more than 8.0% lead exists in private water distribution facilities installed on or after July 1, 1988 and prior to January 4, 2014.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(5) Plumbing installed after January 4, 2014 bears the expected labeling indicating ≤0.25% lead content. If not properly labeled, please provide written comment.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	(6) No solder or flux which contains more than 0.2% lead exists in private water distribution facilities installed on or after July 1, 1988.

I further certify that the following materials were used in the installation of the private water distribution facilities:

Service lines; Lead ☐ Copper ☐ PVC ☒ Other ☒
 Solder; Lead ☐ Lead Free ☒ Solvent Weld ☐ Other ☐

I recognize that this document shall become a permanent record of the aforementioned Public Water System and that I am legally responsible for the validity of the information I have provided.

Remarks:	Water lines are PEX.

Signature of Inspector:	Claude Allen Burk	Registration Number:	MI6097
Title:	owner, Burk Plumbing	Type of Registration:	master Plumbing
Date:	6/27/16		

DROUGHT CONTINGENCY PLAN FOR
T&WWATERSERVICE, dba
BLUE TOPAZ UTILITIES
P.O. Box 2927
Conroe, Texas 77305-2927

CCN #12892, covering the following:

SYSTEM/SUBDIVISION	PWS ID NUMBER
Breakaway Trails Subdivision	1000069
Caney Creek Utility	1700328
Claire Street Water System	1810143
Corbett Water System	1810123
Country Wood Estates	1000061
Dairyland Heights	1000065
Deer Pines Subdivision	1700895
Deer Run	1700700
Emerald Lakes	1700777
Enchanted Forest	1000037
Encino Estates	1460187
Falls of Wildwood	1700673
Gemstone Estates	1700608
Grand Harbor	1700643
Harborside	1700682
Hidden Springs Ranch	1700696
Hydies Crossing	1013180
Kinard Estates	1810059
Millers Crossing	1700675
New Forest Estates Water System	1000062
Northwoods Subdivision	1000060
Oaks of Trinity	1460156
Old Mill Lake	1700662
Rio Vista	1700778
Riverbend Water System	1810125
Riverwalk	1700604
Rose Hill Estates Subdivision	1700911
Southwind Ridge	1700659
Splendora Woods	1460153
Spring Forest Estates	1460153
Spring Oaks	1460157
Sunrise Ranch	1700686
The Ranch	1460154
The Cove at Taylor Landing	1230075
Thousand Oaks	1700635
Timer Water System	1810170
Whispering Pines	1000038
Yeager Estates	1810150

Declaration of Policy, Purpose, and Intent

Section I:

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

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

T & W Water Service, dba Blue Topaz Utilities adopts the following priorities in the distribution of available water resources:

- a. Domestic indoor water usage only for drinking, bathing, cooking, hygiene, etc.
- b. All of the above, plus livestock and domesticated animals.
- c. All of the above, plus a reasonable amount of outdoor usage, i.e. car washing, watering house foundations, flower beds with drip or leaky pipe irrigation.
- d. All of the above, plus spray irrigation of lawns and residential yards not to exceed one-third acre.
- e. All of the above, plus spray irrigation of residential yards exceeding one-third acre, commercial properties, ball fields, parks, and greenbelts.

Water rationing restrictions are automatically waived during emergencies such as fire fighting or a situation endangering human life. Water rationing may be implemented system-wide or in limited areas as needed.

Section II: Public Involvement

A public notice was mailed to all water customers, for their review and input, at the time of the Original Plan. This revision contains only minor rewording, or revisions required by new models published by the TCEQ.

Section III: Public Education

T & W Water Service will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of mailed public awareness notices and other methods that will begin and continue as a constant type of reminder that water should be conserved at all times.

Section IV: Coordination with Regional Water Planning Groups

The service area of T & W Water Service, dba Blue Topaz Utilities is located within the Houston Region (H) San Jacinto River Authority and T & W Water Service, dba Blue Topaz Utilities has provided a copy of the Plan to the Houston Region (H) San Jacinto River Authority.

Section V: Notice Requirements

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

- a) the date restrictions will begin,
- b) the circumstances that triggered the restrictions,
- c) the stages of response and explanation of the restrictions to be implemented
- d) an explanation of the consequences for violations.

The utility must notify the TCEQ by telephone at (512) 239-4600, or electronic mail at watermon@TCEQ.state.tx.us prior to implementing Stage III and must notify in writing the Public Drinking Water Section at MC-155, P.O. Box 13087, Austin, Texas 78711-3087 within five (5) working days of implementation including a copy of the utility's restriction notice. The utility must file a status report of its restriction program with the TCEQ at the initiation and termination of mandatory water use restrictions (i.e. Stages III or IV).

Section VI: Violations

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

Section VII: Exemptions or Variances

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

Section VIII: Response Stages

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

STAGE I - CUSTOMER AWARENESS:

**Every April 1st, the utility will mail a public announcement to its customers.
No notice to TCEQ required, and Stage I begins.**

**Every September 30th the utility will mail a public announcement to its customers.
No notice to TCEQ required, and Stage I will end.**

Utility Measures: This announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water. A copy of the current public announcement on water conservation awareness shall be kept on file available for inspection by the TCEQ.

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

STAGE II- VOLUNTARY WATER CONSERVATION:

Target: Achieve a pattern of usage so that the production facilities, all which exceed the TCEQ required minimum capacities, can maintain at least a minimum pressure of 40 psi at all times.

The Utility will initiate Stage 2 when any of the following triggers occur:

1. There is an extended period (at least 8 weeks) of low rainfall.
2. Daily use has risen 20 percent above the daily use for the same period of the most recent non-drought year.
3. The water level in any of the water storage tanks cannot be replenished overnight.
4. When the well pump runs for more than 15 hours in a day for 2 consecutive days.

Requirements for termination

Stage II may end when the conditions listed above have ceased to exist for a period of 5 consecutive days. Upon termination of Stage II, Stage I becomes operative.

Utility Measures:

Visually inspect lines and repair leaks on a daily basis. The system shall reduce or discontinue flushing operations.

Voluntary Water Use Restrictions:

Customers are allowed outdoor watering daily, but only between 10:00 pm and 5 am.

STAGE III- MANDATORY WATER USE RESTRICTIONS

Target: Achieve a pattern of usage so that the production facilities, all which exceed the TCEQ required minimum capacities, can maintain a minimum pressure greater than 35 psi at all times.

Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses when **the conditions that has been in effect for at least 7 days and** any of the following occur:

1. Daily use has risen 20 percent above the use for the same period during the previous year.
2. The water level in any of the water storage tanks cannot be replenished overnight.
3. When the well pump run for more than 18 hours in a day.

Upon initiation and termination of Stage III, the utility will mail a public announcement to its customers. Notice to TCEQ is required.

Requirements for termination

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

Utility Measures:

Visually inspect lines and repair leaks on a daily basis. Flushing is prohibited except for dead end mains. Review of customer use records and follow-up on any that have unusually high usage.

Mandatory Water Use Restrictions:

The following water use restrictions shall apply to all customers.

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems **shall be limited to Mondays for water customers with a street address ending with the numbers 1, 2, or 3, Wednesdays for water customers with a street address ending with the numbers 4, 5, or 6, and Fridays for water customers with a street address ending with the numbers 7, 8, 9 or 0.** Irrigation of landscaped areas is further limited to the hours of 10:00 p.m. until 5:00 a.m. on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 10:00 p.m. and 5:00 a.m. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or "Jacuzzi" type pools is prohibited except on designated watering days between the hours of 10:00 p.m. and 5:00 a.m.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a re-circulation system.
5. Use of water from hydrants or flush valves shall be limited to maintaining public health, safety, and welfare.
6. Use of water for the irrigation of golf courses, parks, and green belt areas is prohibited except by hand held hose and only on the designated watering days between the hours of 10:00 p.m. and

5:00 a.m.

7. The following uses of water are defined as non-essential and are prohibited:
 - a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - b. use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - c. use of water for dust control;
 - d. flushing gutters or permitting water to run or accumulate in any gutter or street;
 - e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).
 - f. Any waste of water.

STAGE IV -CRITICAL WATER USE RESTRICTIONS

Target: Achieve a pattern of usage so that the production facilities, all which exceed the TCEQ required minimum capacities, can maintain at least a minimum pressure of 35 psi at all times.

Requirements for initiation:

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

1. Exceptionally high and unprecedented usage, resulting in water pressure less than 35 psi for longer than 1 hour, or water pressure approaching 20 psi for any length of time.
2. The water level in any of the water storage tanks get too low to protect the booster pumps from cavitating.
3. When the well pump runs more than 22 hours in a day.
4. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service.

Upon initiation and termination of Stage IV, the utility will either mail or hand deliver a public announcement to its customers. Notice to TCEQ required.

Requirements for termination:

Stage IV of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of three (3) consecutive days, or earlier if T & W Water Service engineer deems it reasonable. Upon termination of Stage IV, Stage III becomes operative.

Utility Measures:

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

Mandatory Water Use Restrictions:

All outdoor use of water is prohibited.

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

SYSTEM OUTAGE or SUPPLY CONTAMINATION

Notify TCEQ Regional Office Immediately.

****UPDATED 1-1-2023****



Sample Siting Plan

Revised Total Coliform Rule

Instructions

In accordance with the Revised Total Coliform Rule (RTCR) and 30 Texas Administrative Code (TAC) §290.109(d), every public water system (PWS) must develop a Sample Siting Plan (SSP). The SSP is a coliform monitoring plan and schedule used to complete routine and additional microbial monitoring. The SSP is also a required component of your system's Monitoring Plan. Additional guidance including requirements based on the population you serve is available in [How to Develop a Monitoring Plan for a Public Water System \(RG-384\)](#) and [Coliform Monitoring, Analyzing, and Reporting Guide \(RG-421\)](#). The SSP includes:

- a map of the distribution system,
- a coliform sampling schedule,
- routine distribution coliform sample sites,
- repeat sample sites for each routine site, and
- groundwater wells.

The PWS must develop a SSP and maintain it as part of their monitoring plan. The SSP and map must be revised as needed. A copy of up-to-date documents must be available at the PWS for inspection purposes.

The SSP template, distribution map example, guidance on coliform sample collection, and other guidance documents can be found at the [Revised Total Coliform Rule](#)¹ webpage.

For questions concerning the SSP, distribution map, or RTCR compliance, please contact the TCEQ RTCR Program at (512) 239-4691 or at TCRDATA@tceq.texas.gov.

Public Water System Information

Public Water System Name:	Falls of Wildwood
Public Water System ID:	1700673
PWS Representative Name:	Kyle W Langreder
Title:	Customer Service/Compliance Representative
Phone Number:	(936) 756-7400
Email:	[REDACTED]
Date:	5/21/24

¹ www.tceq.texas.gov/drinkingwater/revised-total-coliform-rule

Developing your SSP

Select Coliform Sample Sites

The PWS is encouraged to identify coliform sample sites with the following features:

- free of leaks,
- a downward-facing outlet at least 12 inches above the floor or ground,
- constructed of material that can be properly disinfected,
- free of obstructions such as tall grass or shrubbery,
- free of any attachments or point of use devices such as a water hose, water softener, or aerator, and
- at a customer's residence, dedicated sampling tap, or other active service connections.

Generate the Distribution System Map

The PWS must include a map of the distribution system. The map must be clearly labeled and identify each of the following:

- routine distribution coliform sample sites,
- distribution water main locations and sizes,
- locations at which treated water enters the distribution system,
- water storage facilities locations and capacities (if applicable), and
- pressure plane boundaries (if applicable).

Monthly Coliform Sampling Schedule

The PWS must collect routine coliform samples at regular time intervals throughout the month. A PWS using only purchased or groundwater and serves less than 4,900 people may collect all required routine samples on a single day. Samples should be collected early in the week and early in the month to allow time for collection of repeat or replacement samples.

In the boxes below, indicate the required number of monthly coliform samples and the PWS coliform sample schedule.

For example: If the PWS is required to collect 40 monthly samples, the PWS collects 10 samples on Tuesday each week. If the PWS is required to collect 1 monthly sample, the PWS collects the sample on the 2nd Monday of each month.

Required Number of Monthly Coliform Samples:	2
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Coliform Sampling Schedule
1 routine sample and 1 raw well sample are collected within the first week of the month.

Repeat Sampling Requirements

When a PWS is notified by the laboratory of a routine total coliform-positive (TC+) sample, a set of three repeat samples must be collected within 24 hours. The three repeat samples include,

- One repeat sample from the original routine TC+ sample site.
- One repeat sample at a site within 5 connections upstream of routine TC+ sample site.
- One repeat sample at a site within 5 connections downstream of routine TC+ sample site.

Routine and Repeat Coliform Sampling Sites

The PWS must identify sample sites with an address and/or physical location. Repeat monitoring is only required at one upstream and one downstream site. The SSP should include as many upstream/downstream options as possible to ensure repeat samples can be collected.

In the following tables, enter the address or physical location for each ROUTINE SAMPLE SITE. For each routine sample site enter the address or location for five "Repeat Upstream" and "Repeat Downstream" repeat sample locations.

ROUTINE SAMPLE SITE 1 38134 Cascade	
Repeat Upstream	Repeat Downstream
1:38202 Cascade	1:38126 Cascade
2:38210 Cascade	2:38118 Cascade
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 2 38219 Cascade	
Repeat Upstream	Repeat Downstream
1:38119 Cascade	1:38227 Cascade
2:38211 Cascade	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 3 38103 Cascade	
Repeat Upstream	Repeat Downstream
1:38118 Cascade	1:38111 Cascade
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 4 14518 Majestic Oaks	
Repeat Upstream	Repeat Downstream
1:14602 Majestic Oaks	1:37729 FM 149
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 5 14610 Majestic Oaks	
Repeat Upstream	Repeat Downstream
1:14618 Majestic Oaks	1:14518 Majestic Oaks
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 6 click or tap here to enter text	
Repeat Upstream	Repeat Downstream
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 7 click or tap here to enter text	
Repeat Upstream	Repeat Downstream
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 8 click or tap here to enter text	
Repeat Upstream	Repeat Downstream
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 9 click or tap here to enter text

Repeat Upstream	Repeat Downstream
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

ROUTINE SAMPLE SITE 10 click or tap here to enter text

Repeat Upstream	Repeat Downstream
1:	1:
2:	2:
3:	3:
4:	4:
5:	5:

Triggered Source Monitoring

When a PWS using groundwater wells is notified of a routine total coliform-positive (TC+) sample, a raw well sample must be collected at each active well within 24 hours. These are referred to as triggered source monitoring (TSM) samples.

If a groundwater system uses only one well and serves 1,000 people or less, the TSM sample can also be used as a repeat sample.

If the PWS purchases groundwater from a wholesaler, the PWS must notify the wholesale system(s) within 24 hours of being notified of the TC+ routine distribution sample. A wholesale groundwater system that receives notice of a TC+ must collect a TSM sample from each of its groundwater sources within 24 hours of the notification.

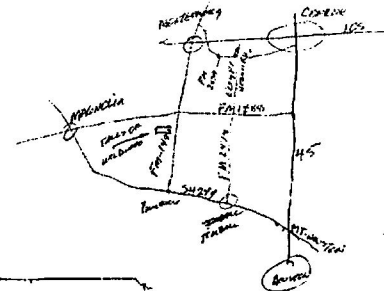
Groundwater Wells		
Assigned Source ID (Ex. G#PWSID#A)	Sample Location (Physical location of well)	Repeat Sample Site? (Y/N) (ONLY IF 1 well system serving ≤1,000)
G1700673B	14619 Majestic Oaks	
Click here to Source ID.	Click here to enter well location.	

Alternative Repeat Sampling SOP (Optional)

A PWS may choose to specify alternative repeat locations or criteria for selecting repeat sampling sites in a written standard operating procedure (SOP).

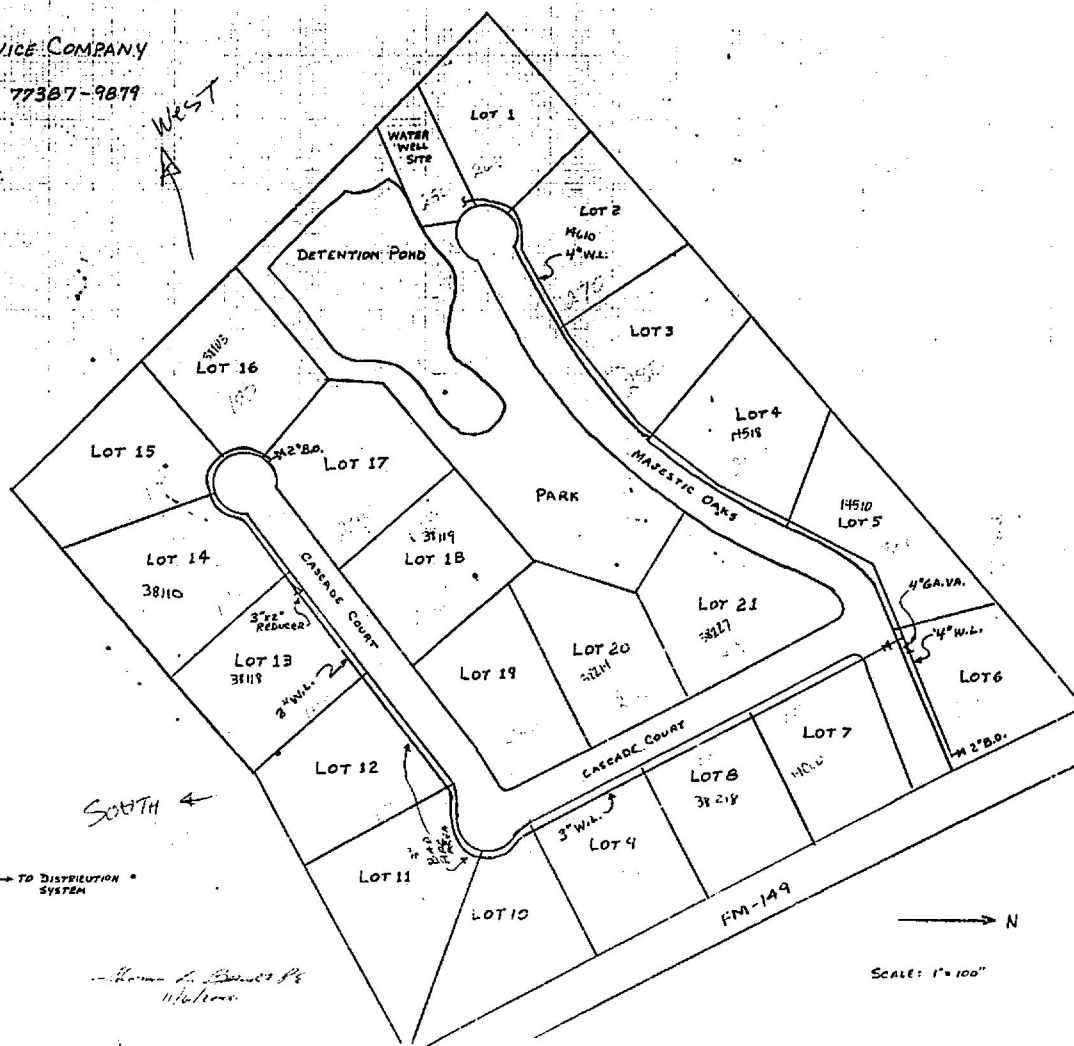
If the PWS elects to propose an Alternative Repeat Sampling SOP, attach it to this document along with the RTCR Distribution System Map.

The PWS's Alternative Repeat Sampling SOP must identify repeat sampling locations that best verify and determine the extent of potential contamination relative to the initial TC+ location.



FALLS OF WILDWOOD P.W.S.

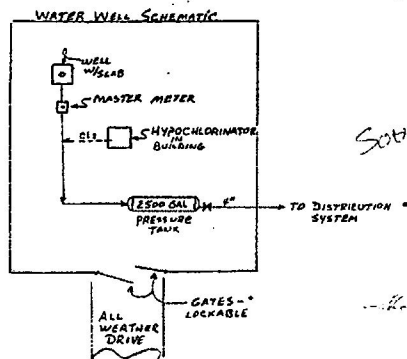
OWNER: T.F.W. WATER SERVICE COMPANY
 P.O. BOX 9879
 THE WOODLANDS, TX 77387-9879
 (281) 367-9566
 NOVEMBER, 2000
 THOMAS L. BAUDAT, P.E.



2900' feet

21 LOTS

714 22445
 CALLER ID #:



SOUTH

Thomas L. Baudat, P.E.
 11/6/2000

Scale: 1" = 100'

FALLS OF WILDWOOD

**LaMotte DC1500 Colorimeter
Calibration Log**

Month FEB Year 2024

Operator Sandra G.

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	Ø	0.21	0.96	2.47
2	Ø	0.21	0.96	2.47
3	OFF			
4	OFF			
5	Ø	0.21	0.96	2.49
6	Ø	0.21	0.96	2.49
7	Ø	0.21	0.96	2.49
8	Ø	0.21	0.96	2.49
9	Ø	0.21	0.96	2.49
10	OFF			
11	OFF			
12	Ø	0.18 0.21	0.96 0.96	2.42
13	Ø	0.21	0.96	2.47
14	Ø	0.21	0.96	2.48
15	Ø	0.21	0.96	2.48
16	Ø	0.21	0.96	2.49
17	OFF			
18	OFF			
19	OFF			
20	Ø	0.21	0.96	2.48
21	Ø	0.21	0.96	2.48
22	Ø	0.21	0.96	2.48
23	Ø	0.21	0.96	2.49
24	OFF			
25	OFF			
26	Ø	0.21	0.96	2.48
27	Ø	0.21	0.96	2.48
28	Ø	0.21	0.96	2.48
29	Ø	0.21	0.96	2.48
30				
31				

**LaMotte DC1500 Colorimeter
Calibration Log**

Month February Year 2024

Operator Niceforo A.

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.20	0.95	2.49
2	0.00	0.19	0.95	2.49
3				
4				
5	0.00	0.20	0.96	2.49
6	0.00	0.19	0.96	2.49
7	0.00	0.20	0.96	2.49
8	0.00	0.20	0.95	2.49
9	0.00	0.20	0.96	2.49
10				
11				
12	0.00	0.19	0.95	2.48
13	0.00	0.19	0.95	2.48
14	0.00	0.20	0.96	2.49
15	0.00	0.20	0.96	2.50
16	0.00	0.20	0.96	2.49
17	0.00	0.20	0.95	2.49
18	0.00	0.18	0.94	2.45
19				
20	0.00	0.20	0.96	2.48
21	0.00	0.20	0.96	2.49
22	0.00	0.19	0.96	2.49
23	0.00	0.19	0.95	2.49
24				
25				
26	0.00	0.20	0.96	2.49
27	0.00	0.19	0.95	2.48
28	0.00	0.19	0.95	2.48
29	0.00	0.20	0.96	2.48
30				
31				

**LaMotte DC1500 Colorimeter
Calibration Log**

Month FEB Year 2024 Operator JY/✓

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.19	0.98	2.46
2	0.00	0.19	0.97	2.47
3	0.00	0.19	0.98	2.48
4	0.00	0.19	0.97	2.48
5	0.00	0.18	0.98	2.47
6	0.00	0.19	0.98	2.48
7	0.00	0.18	0.98	2.48
8	0.00	0.19	0.98	2.48
9	0.00	0.19	0.97	2.46
10				
11				
12	0.00	0.19	0.98	2.48
13	0.00	0.19	0.98	2.48
14	0.00	0.19	0.97	2.48
15	0.00	0.19	0.98	2.48
16	0.00	0.19	0.98	2.48
17				
18				
19	0.00	0.19	0.97	2.48
20	0.00	0.19	0.98	2.48
21	0.00	0.19	0.98	2.48
22	0.00	0.19	0.98	2.48
23	0.00	0.19	0.98	2.47
24	0.00	0.19	0.98	2.48
25	0.00	0.19	0.98	2.48
26	0.00	0.19	0.98	2.48
27	0.00	0.19	0.98	2.47
28	0.00	0.19	0.98	2.48
29	0.00	0.19	0.98	2.48
30				
31				

**LaMotte DC1500 Colorimeter
Calibration Log**

Month February Year 2024

Operator *Archie Dunn*

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	☉	0.21	1.02	2.41
2	☉	0.22	1.02	2.44
3	Vacation			
4	Vacation			
5	Vacation			
6	Vacation			
7	Vacation			
8	Vacation			
9	Vacation			
10	Weekend			
11	Weekend			
12	☉	0.21	1.02	2.43
13	☉	0.20	1.01	2.45
14	☉	0.20	1.02	2.43
15	☉	0.18	1.00	2.40
16	☉	0.19	0.99	2.40
17	Weekend			
18	Weekend			
19	☉	0.21	1.02	2.42
20	☉	0.20	1.02	2.41
21	☉	0.21	1.00	2.41
22	☉	0.21	1.00	2.42
23	☉	0.20	1.00	2.41
24	Weekend			
25	Weekend			
26	☉	0.20	1.00	2.41
27	☉	0.20	1.00	2.40
28	☉	0.21	1.02	2.43
29	☉	0.20	1.00	2.42
30	N/A			
31	N/A			

LaMotte DC1500 Colorimeter
Calibration Log

Month Feb Year 2024

Operator Harry Bradford

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	.21	.99	2.48
2	off			
3	off			
4	off			
5	0	.20	.98	2.48
6	0	.21	1.00	2.49
7	0	.19	1.01	2.48
8	0	.20	1.01	2.51
9	0	.21	1.02	2.49
10	0	.20	1.02	2.49
11	0	.21	1.01	2.51
12	off			
13	off			
14	off			
15	off			
16	off			
17	off			
18	off			
19	off			
20	0	.20	.99	2.47
21	0	.19	.99	2.48
22	0	.21	.99	2.49
23	0	.20	1.00	2.51
24	off			
25	off			
26	0	.21	.99	2.49
27	0	.20	.99	2.49
28	0	.21	1.01	2.48
29	0	.21	1.02	2.48
30				
31				

**LaMotte DC1500 Colorimeter
Calibration Log**

Month February Year 2024 Operator Kevin

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	0.21	0.98	2.50
2	0	0.22	0.98	2.50
3				
4				
5	0	0.21	0.98	2.48
6	0	0.22	0.99	2.47
7	0	0.20	0.98	2.49
8	0	0.22	0.99	2.49
9	0	0.22	0.99	2.49
10				
11				
12	0	0.22	0.98	2.49
13	0	0.22	0.99	2.49
14	Had the day off			
15	0	0.21	1.01	2.48
16	0	0.20	0.98	2.47
17				
18				
19				
20	0	0.20	0.98	2.49
21	0	0.21	0.99	2.49
22	in Austin			
23	0	0.21	0.99	2.49
24				
25				
26	0	0.21	0.99	2.48
27	0	0.22	0.99	2.48
28	0	0.22	0.99	2.47
29	0	0.21	0.98	2.49
30				
31				

**LaMotte DC1500 Colorimeter
Calibration Log**

Month January Year 2024

Operator *[Signature]*

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	Lucia Worked			
2	0	0.21	1.00	2.40
3	0	0.18	0.98	2.38
4	0	0.19	1.00	2.41
5	0	0.19	0.99	2.40
6	0	0.20	0.98	2.38
7	0	0.20	1.01	2.39
8	0	0.20	0.98	2.38
9	0	0.20	1.01	2.41
10	0	0.20	1.00	2.41
11	0	0.20	1.00	2.38
12	0	0.20	1.00	2.39
13	Weekend			
14	Weekend			
15	Holiday			
16	Stayed Home/Pickups			
17	0	0.20	1.00	2.41
18	0	0.22	1.01	2.40
19	0	0.18	0.99	2.40
20				
21				
22	0	0.20	1.00	2.40
23	0	0.21	1.00	2.40
24	0	0.19	0.99	2.40
25	0	0.19	0.99	2.40
26	0	0.21	1.01	2.41
27				
28				
29	0	0.19	1.00	2.41
30	0	0.20	1.01	2.41
31	0	0.19	1.00	2.42

LaMotte DC1500 Colorimeter
Calibration Log

Month Jan Year 2024 Operator Tyler

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.18	0.97	2.46
2	0.00	0.19	0.98	2.47
3	0.00	0.19	0.97	2.47
4	0.00	0.18	0.98	2.48
5	0.00	0.19	0.98	2.47
6				
7				
8	0.00	0.19	0.98	2.48
9	0.00	0.19	0.98	2.48
10	0.00	0.19	0.98	2.48
11	0.00	0.19	0.98	2.47
12	0.00	0.18	0.98	2.48
13				
14				
15	0.00	0.18	0.97	2.47
16	0.00	0.19	0.98	2.48
17	0.00	0.18	0.97	2.46
18				
19	0.00	0.18	0.98	2.47
20				
21				
22	0.00	0.19	0.98	2.49
23	0.00	0.19	0.97	2.48
24	0.00	0.19	0.97	2.47
25	0.00	0.19	0.98	2.48
26	0.00	0.19	0.97	2.47
27				
28				
29	0.00	0.19	0.97	2.48
30	0.00	0.19	0.98	2.48
31	0.00	0.19	0.98	2.48

LaMotte DC1500 Colorimeter
Calibration Log

Month Jan Year 2024

Operator Harry Bruckner

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	off			
2	0	.20	1.00	2.48
3	0	.21	1.01	2.49
4	0	.20	1.00	2.51
5	0	.21	1.01	2.49
6	off			
7	off			
8	0	.19	1.02	2.52
9	0	.21	.99	2.51
10	0	.21	1.01	2.51
11	0	.19	.99	2.50
12	0	.20	1.00	2.48
13	off			
14	0	.20	1.01	2.49
15	0	.19	1.00	2.52
16	0	.20	1.00	2.51
17	0	.21	1.01	2.49
18	0	.20	1.00	2.51
19	0	.20	1.00	2.48
20	off			
21	off			
22	0	.20	1.01	2.49
23	0	.21	.99	2.51
24	0	.20	1.00	2.51
25	0	.21	1.01	2.49
26	0	.21	.99	2.48
27	0	.20	1.00	2.51
28	0	.19	1.00	2.52
29	0	.21	1.00	2.48
30	0	.20	1.01	2.51
31	0	.19	1.01	2.49

LaMotte DC1500 Colorimeter
Calibration Log

Month January Year 2024

Operator Niceforo A.

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.19	0.95	2.47
2	0.00	0.19	0.96	2.47
3	0.00	0.20	0.95	2.48
4	0.00	0.20	0.97	2.49
5	0.00	0.20	0.96	2.48
6				
7				
8	0.00	0.19	0.95	2.48
9	0.00	0.20	0.96	2.49
10	0.00	0.19	0.94	2.47
11	0.00	0.20	0.97	2.49
12	0.00	0.20	0.96	2.49
13				
14				
15	0.00	0.19	0.96	2.48
16	0.00	0.20	0.97	2.47
17	0.00	0.19	0.97	2.47
18	0.00	0.19	0.97	2.48
19	0.00	0.20	0.96	2.48
20	0.00	0.20	0.96	2.47
21	0.00	0.20	0.96	2.47
22	0.00	0.19	0.96	2.45
23	0.00	0.20	0.95	2.48
24	0.00	0.20	0.96	2.48
25	0.00	0.19	0.94	2.47
26	0.00	0.19	0.95	2.48
27				
28				
29	0.00	0.19	0.95	2.4
30	0.00	0.19	0.95	2.
31	0.00	0.20	0.96	2.

**LaMotte DC1500 Colorimeter
Calibration Log**

Month January Year 2024

Operator Kevin

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1				
2	0	0.21	1.00	2.50
3	0	0.21	0.99	2.47
4	0	0.20	0.98	2.49
5	0	0.21	0.98	2.49
6				
7				
8	0	0.21	0.98	2.49
9	0	0.22	0.99	2.50
10	0	0.21	0.98	2.48
11	0	0.20	0.98	2.48
12	0	0.21	0.99	2.49
13				
14				
15				
16				
17	0	0.20	1.00	2.49
18	0	0.21	0.98	2.50
19	0	0.20	1.00	2.48
20				
21				
22	0	0.21	0.99	2.50
23	0	0.21	0.98	2.48
24	0	0.20	1.00	2.49
25	0	0.20	0.99	2.47
26	0	0.21	1.00	2.50
27				
28				
29	0	0.22	0.98	2.49
30	0	0.21	0.98	2.49
31	0	0.21	0.98	2.48

**LaMotte DC1500 Colorimeter
Calibration Log**

Month Jan Year 2024

Operator Sandra G.

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	<u>0</u>	<u>0.20</u>	<u>0.98</u>	<u>2.50</u>
25	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.49</u>
26	<u>0</u>	<u>0.22</u>	<u>0.96</u>	<u>2.49</u>
27	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.49</u>
28	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.49</u>
29	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.49</u>
30	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.48</u>
31	<u>0</u>	<u>0.21</u>	<u>0.96</u>	<u>2.48</u>

**LaMotte DC1500 Colorimeter
Calibration Log**

Month March Year 2024

Operator Kavin

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	0.22	0.98	2.50
2				
3				
4	0	0.22	0.98	2.50
5	0	0.22	0.98	2.50
6	0	0.21	0.99	2.49
7	0	0.21	1.00	2.47
8	0	0.20	0.98	2.49
9				
10				
11	0	0.20	1.00	2.50
12	0	0.21	1.01	2.49
13	0	0.21	0.99	2.49
14	0	0.21	0.99	2.49
15	0			
16				
17				
18	0	0.20	0.98	2.50
19	0	0.21	1.00	2.49
20	0	0.22	0.99	2.50
21	0	0.21	0.98	2.49
22				
23				
24				
25	0	0.22	0.98	2.50
26	0	0.21	0.98	2.49
27	0	0.22	0.98	2.50
28	0	0.21	0.98	2.50
29	0	0.20	0.99	2.48
30				
31				

LaMotte DC1500 Colorimeter
Calibration Log

Month March Year 2024

Operator Niceforo Ayala

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.21	0.96	2.49
2	0.00	0.20	0.97	2.48
3	0.00	0.21	0.97	2.50
4	0.00	0.19	0.95	2.48
5	0.00	0.20	0.95	2.49
6	0.00	0.20	0.96	2.49
7	0.00	0.21	0.97	2.50
8	0.00	0.20	0.97	2.49
9				
10				
11				
12				
13				
14				
15				
16				
17				
18	0.00	0.20	0.96	2.49
19	0.00	0.19	0.95	2.48
20	0.00	0.20	0.96	2.49
21	0.00	0.19	0.95	2.49
22	0.00	0.19	0.95	2.48
23				
24				
25	0.00	0.20	0.95	2.47
26	0.00	0.19	0.95	2.48
27	0.00	0.19	0.96	2.48
28	0.00	0.21	0.96	2.49
29	0.00	0.20	0.96	2.48
30	0.00	0.19	0.96	2.49
31	0.00	0.20	0.96	2.49

**LaMotte DC1500 Colorimeter
Calibration Log**

Month March Year 2024

Operator 

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	0.21	1.02	2.43
2	Weekend			
3	Weekend			
4	0	0.20	1.00	2.40
5	0	0.21	1.01	2.42
6	0	0.21	1.00	2.41
7	0	0.23	1.02	2.43
8	0	0.22	1.02	2.43
9	Weekend			
10	Weekend			
11	0	0.23	1.03	2.43
12	N/A			
13	0	0.23	1.03	2.43
14	0	0.22	1.02	2.44
15	0	0.21	1.02	2.43
16	0	0.23	1.02	2.43
17	0	0.23	1.03	2.43
18	0	0.22	1.01	2.41
19	0	0.23	0.99	2.41
20	0	0.21	1.02	2.43
21	0	0.20	1.03	2.44
22	0	0.20	1.01	2.43
23	Weekend			
24	Weekend			
25	0	0.21	1.02	2.44
26	N/A			
27	0	0.20	0.99	2.40
28	0	0.20	1.01	2.42
29	0	0.21	1.02	2.43
30				
31				

LaMotte DC1500 Colorimeter
Calibration Log

Month March Year 2024

Operator Harry Bradford

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	.20	1.00	2.49
2	off			
3	off			
4	0	.21	.99	2.48
5	0	.19	1.01	2.49
6	0	.20	1.00	2.50
7	0	.20	.98	2.49
8	0	.21	.99	2.48
9	0	.21	1.01	2.48
10	0	.20	.99	2.49
11	0	.20	1.00	2.49
12	0	.21	1.01	2.49
13	0	.20	1.00	2.48
14	0	.19	.99	2.51
15	0	.21	.99	2.50
16	off			
17	off			
18	0	.20	1.01	2.50
19	0	.20	1.00	2.48
20	0	.19	1.01	2.51
21	0	.21	1.01	2.50
22	0	.20	1.00	2.49
23	off			
24	off			
25	0	.20	.98	2.48
26	0	.21	1.01	2.49
27	0	.19	1.00	2.49
28	0	.20	.99	2.48
29	0	.20	1.00	2.48
30	off			
31	off			

**LaMotte DC1500 Colorimeter
Calibration Log**

Month March Year 2024 Operator Tyler

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0.00	0.19	0.98	2.46
2				
3				
4	0.00	0.19	0.98	2.47
5	0.00	0.19	0.98	2.48
6	0.00	0.19	0.98	2.48
7	0.00	0.19	0.98	2.48
8	0.00	0.19	0.98	2.47
9				
10				
11	0.00	0.19	0.98	2.48
12				
13				
14				
15	0.00	0.19	0.98	2.48
16				
17				
18	0.00	0.19	0.98	2.48
19	0.00	0.19	0.98	2.48
20	0.00	0.19	0.98	2.47
21	0.00	0.19	0.98	2.48
22	0.00	0.19	0.98	2.48
23	0.00	0.19	0.98	2.47
24	0.00	0.19	0.98	2.47
25	0.00	0.19	0.98	2.48
26	0.00	0.19	0.98	2.48
27	0.00	0.19	0.98	2.48
28	0.00	0.19	0.97	2.48
29				
30				
31				

LaMotte DC1500 Colorimeter
Calibration Log

Month MARCH Year 2024

Operator Sandra Garrett

Date	0.00 ppm	0.2 +/- 0.02ppm	1.0 +/- 0.03ppm	2.5 +/- 0.10 ppm
1	0	0.21	0.96	2.48
2	OFF			
3	OFF			
4	0	0.20	0.95	2.47
5	0	0.21	0.96	2.49
6	0	0.21	0.96	2.48
7	0	0.20	0.94	2.46
8	0	0.21	0.96	2.49
9	OFF			
10	OFF			
11	0	0.21	0.95	2.47
12	0	0.21	0.97	2.48
13	0	0.21	0.97	2.48
14	0	0.21	0.96	2.49
15	0	0.21	0.96	2.48
16	OFF			
17	OFF			
18	0	0.21	0.96	2.48
19	0	0.21	0.96	2.48
20	0	0.21	0.96	2.47
21	0	0.21	0.96	2.47
22	0	0.21	0.96	2.48
23	OFF			
24	OFF			
25	0	0.21	0.96	2.51
26	0	0.21	0.96	2.48
27	0	0.21	0.96	2.48
28	0	0.21	0.96	2.48
29				
30				
31				



Bleach

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, May 6, 2024** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:

<http://info.nsf.org/Certified/PwsChemicals/Listings.asp?TradeName=Azone+15+&>

NSF/ANSI/CAN 60 Drinking Water Treatment Chemicals - Health Effects

Hawkins, Inc.

2381 Rosegate

Roseville, MN 55113

United States

800-328-5460

612-331-6910

Visit this company's website (<http://www.hawkinsinc.com>)

Facility : # 2 St. Paul, MN

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Theodore, AL

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Fort Smith, AR

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Scott, AR

Sodium Hypochlorite[HY]**Trade Designation**

Azone 15

Product Function

Disinfection & Oxidation

Max Use

40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Facility : Swainsboro, GA**Sodium Hypochlorite[HY]****Trade Designation**

Azone 15

Product Function

Disinfection & Oxidation

Max Use

40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Centralia, IL**Sodium Hypochlorite[HY]****Trade Designation**

Azone 15

Product Function

Disinfection & Oxidation

Max Use

40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the

finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

[1] This product is designed to function as a reducing agent in biologically active drinking water treatment systems.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Dupo, IL

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Havana, IL

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and

Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : University Park, IL

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Muncie, IN

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

[1] The Certification of this product has been restricted to a maximum use level (MUL) that is less than the 10 ppm typical use level of chlorine specified for hypochlorite products under NSF/ANSI/CAN 60.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Camanche, IA

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Facility : Distribution Center - Slater, IA

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Garnett, KS

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Frankfort, KY**Sodium Hypochlorite[HY]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Sulphur, LA**Sodium Hypochlorite[HY]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Minneapolis, MN

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40 mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations:

[CP] The finished drinking water shall be monitored to ensure that levels of copper do not exceed 1.3 mg/L.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Columbia, MO

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Billings, MT

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

Facility : Roca, NE

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Distribution Center - Fargo, ND

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Washburn, ND

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : New Philadelphia, OH

Sodium Hypochlorite[HY]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Black Hawk, SD**Sodium Hypochlorite[HY]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Sioux Falls, SD**Sodium Hypochlorite**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Azone 15	Disinfection & Oxidation	40mg/L

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Fayetteville, TN

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Memphis, TN

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Lufkin, TX

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Luling, TX

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Spring, TX

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Distribution Center - Fond Du Lac, WI

Sodium Hypochlorite

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Superior, WI

Sodium Hypochlorite[HY]

Trade Designation	Product Function	Max Use
Azone 15	Disinfection & Oxidation	40mg/L

[HY] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations. Also, reference the AWWA B300 (Hypochlorites) standard's Recommendations for the Handling and Storage of Hypochlorite Solutions appendix for information on preservation techniques for hypochlorite bleach in transit and storage.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Number of matching Manufacturers is 1

Number of matching Products is 31

Processing time was 0 seconds



Ortho

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, May 6, 2024** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information:
<http://info.nsf.org/Certified/PwsChemicals/Listings.asp?TradeName=214d&>

NSF/ANSI/CAN 60 Drinking Water Treatment Chemicals - Health Effects

Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
United States
800-328-5460
612-331-6910
Visit this company's website
(<http://www.hawkinsinc.com>).

Facility : Spring, TX

Blended Corrosion Inhibitor

Trade Designation	Product Function	Max Use
Lapco 214D	Corrosion & Scale Control	80mg/L

OTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Falls of Wildwood

1700673

#1 PLANT

OPERATIONS & MAINTENANCE MANUAL

TABLE OF CONTENTS

Facility Information	Page 1
Capacity Listing	Page 2
System Records	Page 3
Safety Measures	Page 3
Public Relations	Page 4
Operational Processes	Page 5
Startup Procedures	Page 6
Normal Operating Procedures	Page 7
Bacteriological Sampling	Page 8
Emergency Response	Page 9
Boil Water Notification	Page 10
Maintenance Procedures	Page 11
Flushing Procedures	Page 12
Appendices:	
Daily Log	Page 13
Tank Inspection Program	Page 14

Introduction

A. RAW WATER SOURCES

This is a groundwater production plant only utilizes water from a well as its source. The process is generally standard as any groundwater facility, with a few variations of equipment sizes and control settings. A well log is included.

B. TREATMENT PLANT DESCRIPTION AND DESIGN

This plant has one treatment LIQUID CHLORINE is added with a chemical feed pump. A free residual should be maintained between 1 & 1.5 mg/l at the plant this will allow for residuals at the end of lines to be above state requirements. Settings for chemical feed pump is included in section II.

The design of the plant is a standard groundwater facility, which includes; a well pumping into the distribution system and a pressure tank, all of which is controlled by electronic automatic controls.

C. PLANT DESIGN CRITERIA & CAPACITIES

The well pump is turned on and off by a pressure switch on the pressure tank.

Plant Capacities

The plant capacities are as follows:

WELL

1 ~ 7.5hp submersible pump rate at 55 gallons per minute.

PRESSURE TANK

1 ~ 2,500 gallons

CHEMICAL FEED PUMPS

1 ~ 6 gallon per day

AIR COMPRESSOR

Automatic controls mounted on Pressure Tank

SYSTEM RECORDS

All records (daily log forms, monthly operator reports, sample results, drawings, & etc.) Are kept at the offices of T&W Water Service at 12284 FM 3083, Conroe, Texas 77301..

The system pressure, chlorine container level, well meter readings, distribution chlorine residual level, distribution flushing, and any leak or repair locations are all recorded in the daily log. **An example daily log is located in the appendix.**

Monthly information is transferred to the TCEQ required monthly operating report.

GENERAL SAFETY MEASURES

Chlorine and calcium hypochlorite are very corrosive. Do not handle with bare hands. If spilled on skin or clothing, flush area with water immediately.

DO NOT DIRECTLY INHALE chlorine or calcium hypochlorite.

Store chemicals out of direct natural light.

GENERAL PUBLIC RELATIONS POLICY

Water system personnel shall adhere to high standards of public service that emphasize professionalism and courtesy. Employees are required to maintain good moral conduct, and to do their part in maintaining good relations with their supervisors and fellow employees, the customers and general public, and state regulators.

Procedures to follow on customer complaints:

1. Be polite and professional when speaking to customers.
2. Write down the specific complaint.
3. Follow up on the complaint as soon as possible and attempt to resolve or advise supervisor for reassignment of the complaint.
4. Advise the customer of the results or the reassignment of the complaint and who to contact for further assistance.

UTILITY OPERATIONS

MAJOR COMPONENTS & PROCESSES

WELL

A pressure switch controls the well. It comes on automatically when the pressure in the pressure Tank drops below the set level and goes off when the pressure reaches the set amount. The well can also be turned on manually at the control panel.

PRESSURE TANK

The pressure tank has a pressure relief valve, a pressure gauge, a sight glass for air-to-water ratio determination, and drain valves.

AIR COMPRESSOR

The air compressor is mounted on the Pressure Tank and is used when needed by an automatic switch to keep the air / water levels at an efficient level in the pressure tank.

ELECTRICAL & CONTROLS

This plant has a central breaker box, motor starters, phase protection, pressure tank electrodes, auxiliary relay, pressure switch, and motors. The central breaker box contains a main breaker, which turns off all the power inside the plant, and several smaller breakers to turn off individual pumps, air compressors, lights and other electrical outlets. The motor starters are to each individual pump motor and contain motor protection in each. The starters are specially sized to each motor and include heaters of motor overload protection

CHEMICAL FEED PUMP (Hyperchlorinators)

There is one (1) chemical feed pumps. It is for liquid chlorine. This pump is connected to the well motor starter, therefore when the well is running so is the chlorinator. Once, the pressure level in the pressure tank reaches the set level the controller will stop the well motor and chemical feed. The only way the chemical feeders can be turned on manually is to turn the well on manual. This is done to prevent the chemical feed pump from injecting chemical into the system if the well is not running. (See Normal Operating Procedures for pump settings)

START UP PROCEDURES

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

- 1) Turn all switches on to OFF position.
- 2) Check main power source from electric company. It should be 240 volts three(3) phase. Test each leg of electric to ground ~ two (2) legs will be 120 and one (1) should be 150-175 volts.
- 3) Check all breakers to be properly reset to On position.
- 4) Check and reset all motor starter resets.

- 5) Turn the Well Switch to Auto position ~ well & chemical feed pumps should start.
- 6) When the Well Pump reached the top pressure in the pressure tank, it will shut off. At this time all switches should be in the Auto position on the Control Panel and the plant be back to complete automatic operation.
- 7) All flush valves need to be opened 1 or 2 at a time and run until all air is removed from distribution system and a total chlorine residual of at least .5 mg/l is obtained at each.
- 8) Instructions of TCEQ on Boiled Water Notification Requirements should then be followed out. (See Section on Boiled Water Notification Requirements)

NORMAL OPERATING PROCEDURES

Upon arriving at the water Plant the following items must be performed in conjunction with the TCEQ's rules & Regulations for Public Water System, Chapter 290.46

Daily Requirements

- 1) A visual check of premises for trash or litter and removal of any
- 2) A visual check of pumps, tanks and other equipment or piping for leaks or problems.
- 3) a visual check of system pressure
- 4) Measure and record to daily log levels of chlorine containers notice that some amount has been used since last entry.
Visually check chemical feed pumps to be primed.
Test chlorine residual at plant to be sure water entering distribution system has been treated. Chlorine residual should be between 0.8 and 1.5 mg/l on free chlorine, if not adjust chlorine chemical feed pump accordingly.
- 5) Read and record to daily log well meter misreading and system usage since
- 6) last entry
- 7) Verify that usage is in normal range of daily usage and system does not appear to have a leak in distribution.
- 8) Record daily chlorine residual checks from distribution system to daily log sheet.
- 9) Record any distribution flushing to proper date and locations under comments on daily log sheet.
- 10) Record any leak/repair locations with estimated losses during the leak to the daily log sheet.

Weekly

- 1) Mow, clean outside of plant building, clean fence or any undergrowth, and general cleanup of facilities

Monthly

- 2) Collect one (1) microbiological samples from Sample Site Plan for analysis and deliver to offices of NWDLS with Lab forms completed. 1a) Be sure sample is OK if not do retakes according to TCEQ Rules
- 3) Flush any areas that have not been flushed in distribution and record on daily log sheet date, location and approximate usage
- 4) Mow, clean outside of plant building, clean fence or any undergrowth, and general cleanup of facilities
- 5) Prepare Monthly Operating Report from daily log sheet information

Annually

- 1) Do Required tank inspections and complete Annual Tank Inspection forms per TCEQ Rule and Regulations (See attached tank maintenance program)
- 2) Check wellhead and well sealing block and caulk and cracks
- 3) Check and replace and screened opens ~ well vent, tank vents, etc.
- 4) Check heater for safe operation

BACTERIOLOGICAL SAMPLING

1. Take samples at the beginning of the months to give ample time for re-sampling if needed.
2. Avoid sampling on rainy or windy days.
3. Locate the proper location to obtain the sample using the **attached sample site plan**.
4. Obtain a prepared sterile container from the warehouse and drive to the appropriate sample site. Do not use old or improperly stored containers. Never open containers before use or pour out reagents that are in sample containers.
5. Visually check the faucet to ensure the sampling point is sanitary (no overhanging plants, insects nests, etc.).
6. Test for chlorine. If chlorine levels are 0.2 free, flush the service line by fully opening the faucet and allowing the water to run 2 minutes. If chlorine is too low or no reading at all, flush until chlorine reads are 0.2. Then wait 20 minutes to give the chlorine a chance to disinfect the line. Then retake the chlorine test, if it is at least 0.2 free or 0.5 total, then go to step 7. If a good chlorine reading is not obtained after flushing, **NO NOTE TAKE THE BACTI SAMPLE AT THIS LOCATION**. Proceed to line flushing procedures on **Page 17**, and properly flush the area and start over at step 5.
7. Close the faucet and fame with a propane torch or alcohol burner.
8. Opening the faucet to a pencil-sized stream, fill the prepared sample container with at least 100 ml, but not completely full. Seal the container immediately. **NEVER BREATHE, SNEEZE, OR**

COUGH ON SAMPLE WHILE CONTAINER IS OPEN.

9. Fill out the form that come with the container and send the sample and form to **NWDLs** laboratory.
10. DO NOT DELAY SUBMITTING THE SAMPLE. IT SHOULD ARRIVE AT THE LAB WITHIN 30 HOURS OF THE TIME IT WAS COLLECTED. DO NOT STORE THE SAMPLE IN YOUR TRUCK. IT SHOULD BE REFRIGERATED UNTIL DELIVERED TO THE LAB.
11. If the sample is positive, resample according to the **procedures in the Appendix**.

Note: This outline of procedures is not intended to replace required operator training or certification.

EMERGENCY RESPONSE INFORMATION

1. Contact manager during any low pressure event or water outage.

General Manager: Deanna Degeyter 281-455-5676

2. Well or well pump problem:

Contact Shannon Marsh – 281.639.7823

3. Problem involving water outage more than two hours:

Contact office to notify manager, other operators and start process of notifying affected customers

Review attached flowchart to determine if boil water notice is necessary.

4. Outages lasting more than 8 hours require the contacting of TCEQ (when a boil water notice is necessary) and board members

TCEQ Region 12, 713-767-3500

Emergency Protocol for Natural and Manmade Disaster's

General Preparation

- Work schedule should be adjusted so that key staff members are onsite or can be reached to keep all services operational if the facility remains online or to shutdown and startup facilities if and when necessary.
- Establish and schedule emergency operations and clean up crews.
- Review your emergency response plan and make sure it and contacts are current.
- Notify the **TCEQ Public Drinking Water Program at (512) 239-4691** if the system's sampling schedule needs to be adjusted.
- Notify and set up clear lines of communication with local police and fire department, in case of an injury or other emergencies. Request that local law enforcement check on any water staff that remain on-site at the water plants. If communication channels are down with these sites, this check needs to continue on a routine basis until communication channels are reestablished.
- If an emergency operating center or command post for the utility is established, notify state and federal agencies of locations and telephone numbers.
- Establish contacts to request emergency water supply, if necessary.
- Make arrangements with the local power utility to be prepared to disconnect power to the plant if the plant is evacuated or if power lines are downed and then to restore power as a priority customer.
- Make arrangements to purchase materials and supplies and to borrow/lease heavy equipment needed to make repairs to the plant.
- Make arrangements to have materials and chemicals delivered to the plant as soon as it is safe and units are repaired and ready for operation.
- Notify media on where to access information and press advisories:
 - Have a "Boil Water Notice" prepared, including multilingual.
 - Have "Emergency Disinfection of Drinking Water" guidelines prepared. (see EPA link)
 - Have a "Shelter-in-Place" guidelines ready in case of release of hazardous materials. This is information to be provided to the public that may need to remain indoors.
- Establish in advance a centralized base of operations with first aid supplies, batteries, flashlights, and cellular phones or other wireless communication devices. Check all normal and emergency communication equipment and charge or replace batteries.
- Stock an adequate supply of non-perishable food and water for any essential personnel that are required to remain on site.
- Establish alternative transportation strategies for rotating in core employees to the facility if high water prevents travel. Personnel should bring a jump bag with them, which should contain change of clothes, flashlights, extra batteries, medications, and other essentials.
- Make sure all essential personnel are trained to shutdown and startup system in case of emergency.
- Notify TCEQ regional offices if a plant is taken off-line. An updated map and contact telephone numbers may be found at the website listed below. The utility should access this site and provide copies at all system facilities with the emergency response plan. **TCEQ Regional Contact Info and Regional Map**
- Review distribution maps to ensure they are up to date with isolation valves properly identified. Extra copies may be necessary for staff working in the field.

Grounds and Common Areas

- Inspect plant perimeter for security concerns. Test backup lights. For all water systems, check backup pumps and controls.
- In addition to regular preventative maintenance, all systems (surface, ground and purchased) should check backup chemical feeders and all pumps and motors. Verify that spare pumps, motors and other necessary spare parts are available. Check manual controls and oil levels.
- Fuel and service vehicles. Stock service vehicles with equipment and supplies, and move service vehicles to high ground.
- Have sufficient supplies of sandbags available and sandbag the entrances, the area around critical equipment, and other critical areas.
- Ensure that emergency electrical generators are not located in flood-prone areas of the facility. Obtain extra fuel for generators, if needed.
- Board up critical windows and doors to prevent wind damage.
- Shutdown exposed pipes at waterway crossings to prevent loss or contamination of potable water if the pipes break.

Administration and Laboratory Buildings

- Secure important records in a well-protected location, including plant operations manual.
- Remove all sensitive laboratory equipment from the flood zone, where possible. Remove portable electrical equipment and small motors from the flood zone.
- Protect computers from potential leaks.
- Check bacteriological sampling materials- be prepared for increased or special monitoring.
- Remove or store furnishings in a safe place, when practical.
- Disconnect electrical power to the building if it is evacuated.

Treatment Plant and Pumping Stations

- Run diagnostic tests on SCADA and control systems.
- All pump stations should be located in a well-drained area and be designed to remain in operation during flood events. If not, the pumps should be shut down and protected from electrical damage if they should become submerged. After any major storm event, check raw water intakes to minimize any debris or other materials which could enter. Any wells that were submerged must be disinfected prior to returning to service.
- Double check that all piping in surface water treatment plants is labeled according to color code as indicated in 30 TAC 290.42 (d)(13)(A).
- Check that all chemical bulk storage facility and day tanks are properly labeled.
- Be sure all dry chemicals are stored off the floor in a dry room that is protected against flooding or wetting from floors, walls, and ceilings.
- Check chemical inventory. A storm event could cause greater disinfectant demand, increased disinfection of broken waterlines and an increase in turbidity, so more disinfectant and coagulant chemicals may be required. Verify that the current supply of calcium hypochlorite is adequate for this potential increased use.
- Fill empty storage tanks in flood prone areas with water to prevent floating or falling from wind forces.

- Remove or move chemicals to a safe area. If chemicals are removed from an underground or above ground tank, fill the tank with water to prevent floating.
- Remove fuel from underground storage tanks to prevent contamination and loss of the fuel. If possible move above ground fuel storage tanks to a safe, high area. Fuel will be needed for emergency and plant vehicles until new supplies arrive.
- Remove electrical motors, where possible. If not, wrap the motors in plastic and seal as tight as possible, in order to protect the motor from silt, mud, and dirt. Any electrical motors that were submerged, should be cleaned and dried prior to start up to prevent damage.
- Remove shop tools and electrical hand tools to the emergency operations center or command post.
- Monitor tank levels. Fill elevated and ground storage tanks to full capacity. Storage tanks should be valved off from the distribution system to prevent loss of water during the storm. Note: If this is done, the system must issue a Boil Water Notice because this can result in pressures dropping below 20 psi.

Emergency Contact Information

- Montgomery County Sheriff 936-760-5871
- TCEQ Region 12 713-767-3500
- TCEQ Office of Water 512-239-6696
- EPA 800-887-6063
- General Mgr. – Deanna 281-455-5676
- T&W Office 936-756-7400

BOIL WATER NOTIFICATION REQUIREMENTS

See enclosed from TCEQ Rule and Regulations on when to issue a notice and the format of the notice.

Boil water notification

Falls of Wildwood

Due to conditions, which have occurred recently in the water system the Texas Commission on Environmental Quality has required the system to notify all customers to boil their water prior to consumption.

To ensure destruction of all harmful bacteria and other microbes, water for drinking, cooking, and ice making should be boiled and cooled prior to consumption. The water should be brought to a vigorous rolling boil and then boiled for two minutes. In lieu of boiling, you may purchase bottle water or obtain water from some other suitable source. When it is no longer necessary to boil the water, water system officials will notify you.

If you have questions regarding this matter you may contact: T&W Water Service at 936-756-7400

INSTRUCTIONS:

List more than one utility official and phone number. Do not list the commission as the primary contact. If a customer wishes to call the commission, please have them call 512-239-6020.

MAINTENANCE PROCEEDURES

Upon arriving at the water Plant the following items must be performed in conjunction with the TCEQ's rules & Regulations for Public Water System, Chapter 290.46

Daily Requirements

- A visual check of premises for trash or litter and removal of any
- A visual check of pumps, tanks and other equipment or piping for leaks or problems.
- a visual check of system pressure
- Record system pressure to daily log
- Measure and record to daily log levels in phosphate and chlorine containers notice that some amount has been used since last entry.
 - Visually check chemical feed pumps to be primed.
 - Test chlorine residual at plant to be sure water entering distribution system has been treated. Chlorine residual should be between 0.8 and 1.5 mg/l on free chlorine, if not adjust chlorine chemical feed pump accordingly.
- Read and record to daily log well meter misreading and system usage since last entry
- Verify that usage is in normal range of daily usage and system does not appear to have a leak in distribution.
- Record daily chlorine residual checks from distribution system to daily log sheet.
- Record any distribution flushing to proper date and locations under comments on daily log sheet.
- Record any leak/repair locations with estimated losses during the leak to the daily log sheet.

Weekly

- Mow, clean outside of plant building, clean fence or any undergrowth, and general cleanup of facilities

Monthly

- Collect one (1) microbiological samples from Sample Site Plan for analysis and deliver to offices of Nova Biologicals with Lab forms completed. 1a) Be sure sample is OK if not do retakes according to TCEQ Rules
- Flush any areas that have not been flushed in distribution and record on daily log sheet date, location and approximate usage
- Mow, clean outside of plant building, clean fence or any undergrowth, and general cleanup of facilities
- Prepare Monthly Operating Report from daily log sheet information

Annually

- Do Required tank inspections and complete Annual Tank Inspection forms per TCEQ Rule and Regulations (See attached tank maintenance program)
- Check wellhead and well sealing block and caulk and cracks
- Check and replace and screened opens ~ well vent, tank vents, etc.
- Check heater for safe operation

FLUSHING PROCEDURES

1. Dead end mains will be flushed the last week of each month.
2. All other mains are looped and are flushed as needed.

T and W Water Service

System:

Month/Year:

Date	Time	Well #1	#1 Total	Well #2	#2 Total	#1 GPM	#2 GPM	BP #1	BP #2	BP #3	BP #4	PSI	HPT Air	GST Ivl	CL2	OP	CL2 & PO4
1																	
2																	
3																	
4																	
5																	
6																	
7																	
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NOTES: _____

POTABLE WATER TANK INSPECTION PROGRAM

Falls of Wildwood

Ground storage, elevated, stand pipe, clear wells and pressure tanks are required by TCEQ, 30 TAC 290.46 (p) to be inspected at least once a year by water system personnel or a contracted inspection service. TCEQ Rules require water systems to keep records of the inspection for at least five years. The form on page 4 may be used to document annual inspections.

This will ensure the tank is in good working order and will keep the system officials aware of the condition of the tank and any maintenance or repairs that need to be budgeted for on any unit.

Although, TCEQ Rules require annual inspections, monthly tank inspection and maintenance is recommended to ensure continued tank integrity and to preserve water quality. The form on page 3 may be used as a monthly checklist for tank maintenance.

There are two type of inspections, physical inspection and mechanical inspection. All documentation of the inspection should be kept on file.

Physical inspection-Ground Water Storage Tanks

The water system operator(s) can do the physical inspection. The visual inspection should occur on a monthly and yearly basis. The operator is inspecting to determine the condition of the tank and to ensure its longevity.

A. Monthly inspecting of the rooftop

1. The operator should inspect the vents and ventilators to make sure they are working properly and are screened to ensure no entry of insects or birds or other varmints.
2. The operator should check the access hatch to ensure that it is locked and all is intact.
3. The operator should look inside the tank to see if there is floating debris or oil, this is a good indicator of the condition of the water, physically.
4. Check to see if there are low spots on the roof, which would allow ponding.
This visual inspection is a good indicator of the tank roof structure.

Yearly Inspection of the roof top

The operator should check the roof-welded seams for cracks and corrosion.
Bolted structured tanks should be checked for loose bolts or loose guardrails.
Check the tank paint coating and look for unprotected areas and rust pits.

DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DL QOR)

FOR GROUNDWATER OR PURCHASED WATER PUBLIC WATER SYSTEMS - ANY SIZE

Select Quarter: 1

Select Year: 2023

PWS Name: Falls of Wildwood	PWS ID: 1700673
------------------------------------	------------------------

Type of Disinfectant Used in Distribution System*: Chlorine (Free)

* If you used chloramines and free chlorine at any time during this quarter, select 'both'

First Month of Quarter: Monthly Summary

Month: January

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.01 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Second Month of Quarter: Monthly Summary

Month: February

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.06 mg/L	7 readings	0 readings 0.0%	0 readings 0.0%

Third Month of Quarter: Monthly Summary

Month: March

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.74 mg/L	8 readings	0 readings 0.0%	0 readings 0.0%

Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual this quarter	Highest residual for this quarter
0.93 mg/L	0.5000 mg/L	1.5000 mg/L

I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate

Name: Lucio Ayala
Typed

Signature

Today's Date:

Title: Operator

Phone # 936-756-7400

04/06/23

License #: WO0021246

Email:

Complete this form for the previous quarter at the beginning of January, April, July, and October and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

Mail signed, completed form to: Attn: DLQOR, PDWS/TCEQ/MC-155, PO Box 13087, Austin, TX 78711-308

DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DL QOR)

FOR GROUNDWATER OR PURCHASED WATER PUBLIC WATER SYSTEMS - ANY SIZE

Select Quarter: 1

Select Year: 2024

PWS Name: Falls of Wildwood	PWS ID: 1700673
------------------------------------	------------------------

Type of Disinfectant Used in Distribution System*: Chlorine (Free)

* If you used chloramines and free chlorine at any time during this quarter, select 'both'

First Month of Quarter: Monthly Summary

Month: January

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.00 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Second Month of Quarter: Monthly Summary

Month: February

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.05 mg/L	8 readings	0 readings 0.0%	0 readings 0.0%

Third Month of Quarter: Monthly Summary

Month: March

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.03 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual this quarter	Highest residual for this quarter
1.02 mg/L	0.7600 mg/L	1.2900 mg/L

N.A.

I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate

Name: Niceforo Ayala
Typed

Signature

Today's Date:

4/4/24

Title: Operator

Phone # 936-756-7400

License #: WO0021246

Email:

Complete this form for the previous quarter at the beginning of January, April, July, and October and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

Mail signed, completed form to: Attn: DLQOR, PDWS/TCEQ/MC-155, PO Box 13087, Austin, TX 78711-308

DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DL QOR)

FOR GROUNDWATER OR PURCHASED WATER PUBLIC WATER SYSTEMS - ANY SIZE

Select Quarter: 2

Select Year: 2023

PWS Name: Falls of Wildwood

PWS ID: 1700673

Type of Disinfectant Used in Distribution System*: Chlorine (Free)

* If you used chloramines and free chlorine at any time during this quarter, select 'both'

First Month of Quarter: Monthly Summary

Month: April

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.25 mg/L	7 readings	0 readings 0.0%	0 readings 0.0%

Second Month of Quarter: Monthly Summary

Month: May

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.90 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Third Month of Quarter: Monthly Summary

Month: June

Was the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.28 mg/L	8 readings	0 readings 0.0%	0 readings 0.0%

Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual this quarter	Highest residual for this quarter
1.13 mg/L	0.2600 mg/L	2.2000 mg/L

N.A. I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate

Name: Lucio Ayala 7.3.23 Today's Date: 7.3.23
 Typed Signature

Title: Operator Phone #: 936-756-7400

License #: WO0021246 Email: [REDACTED]

Complete this form for the previous quarter at the beginning of January, April, July, and October and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

Mail signed, completed form to: Attn: DLQOR, PDWS/TCEQ/MC-155, PO Box 13087, Austin, TX 78711-308

DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DL QOR)

FOR GROUNDWATER OR PURCHASED WATER PUBLIC WATER SYSTEMS - ANY SIZE

Select Quarter: 3

Select Year: 2023

PWS Name: Falls of Wildwood	PWS ID: 1700673
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Type of Disinfectant Used in Distribution System*: Chlorine (Free)

* If you used chloramines and free chlorine at any time during this quarter, select 'both'

First Month of Quarter: Monthly Summary

Month: JulyWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.96 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Second Month of Quarter: Monthly Summary

Month: AugustWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.93 mg/L	8 readings	0 readings 0.0%	0 readings 0.0%

Third Month of Quarter: Monthly Summary

Month: SeptemberWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.22 mg/L	9 readings	0 readings 0.0%	0 readings 0.0%

Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual this quarter	Highest residual for this quarter
1.04 mg/L	0.2100 mg/L	2.7300 mg/L

M. A. I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate

Name: Lucio Ayala
Typed

Signature

Today's Date:

Title: OperatorPhone # 936-755-740010/02/23License #: WO0021246Email [REDACTED]

Complete this form for the previous quarter at the beginning of January, April, July, and October and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

Mail signed, completed form to: Attn: DLQOR, PDWS/TCEQ/MC-155, PO Box 13087, Austin, TX 78711-308

DISINFECTANT LEVEL QUARTERLY OPERATING REPORT (DL QOR)

FOR GROUNDWATER OR PURCHASED WATER PUBLIC WATER SYSTEMS - ANY SIZE

Select Quarter: 4

Select Year: 2023

PWS Name: Falls of Wildwood	PWS ID: 1700673
------------------------------------	------------------------

Type of Disinfectant Used in Distribution System*: Chlorine (Free)

* If you used chloramines and free chlorine at any time during this quarter, select 'both'

First Month of Quarter: Monthly Summary

Month: OctoberWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.90 mg/L	7 readings	0 readings 0.0%	0 readings 0.0%

Second Month of Quarter: Monthly Summary

Month: NovemberWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
0.98 mg/L	6 readings	0 readings 0.0%	0 readings 0.0%

Third Month of Quarter: Monthly Summary

Month: DecemberWas the PWS active this month? Yes

Average of all disinfectant residuals for this month	Number of residuals collected this month	Number below MIN for this month	Number with NO residual for this month
1.06 mg/L	8 readings	0 readings 0.0%	0 readings 0.0%

Quarterly Summary and Certification

Average of all disinfectant residuals for this quarter	Lowest residual this quarter	Highest residual for this quarter
0.98 mg/L	0.4000 mg/L	1.3800 mg/L

N.A.

I certify that I am familiar with the information contained in this report and that to the best of my knowledge, the information is true, complete, and accurate

Name: Niceforo Ayala
TypedNiceforo Ayala
Signature1/2/24
Today's Date:Title: OperatorPhone # 936-756-7400License #: WO0021246Email: [REDACTED]

Complete this form for the previous quarter at the beginning of January, April, July, and October and submit in time for it to be received by the TCEQ by the 10th of the month. Always print and sign form, and keep a copy with your records for TCEQ review.

Mail signed, completed form to: Attn: DLQOR, PDWS/TCEQ/MC-155, PO Box 13087, Austin, TX 78711-308

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: April **Year:** 2024

Date	Time	Sample Site	Residual	Less than MIN?
1	12:10 PM	SP5 14610 Majestic Oaks - Free	1.11	No
5	12:06 PM	SP1 38134 Cascade - Free	1.13	No
8	12:04 PM	SP2 38219 Cascade - Free	1.01	No
12	8:47 AM	SP3 38103 Cascade - Free	0.94	No
15	12:56 PM	SP4 14518 Majestic Oaks - Free	1.01	No
19	11:30 AM	SP5 14610 Majestic Oaks - Free	1.22	No
22	11:19 AM	SP1 38134 Cascade - Free	1.14	No
26	10:21 AM	SP2 38219 Cascade - Free	1.12	No
29	1:38 PM	SP3 38103 Cascade - Free	1.07	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
9	1.08	1.22	0.94	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: August **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
3	1:04 PM	SP4 14518 Majestic Oaks - Free	1.1	No
7	1:20 PM	SP5 14610 Majestic Oaks - Free	1.25	No
11	10:19 AM	SP1 38134 Cascade - Free	0.99	No
14	12:52 PM	SP2 38219 Cascade - Free	0.7	No
18	11:58 AM	SP3 38103 Cascade - Free	0.74	No
21	2:31 PM	SP4 14518 Majestic Oaks - Free	0.96	No
25	8:40 AM	SP5 14610 Majestic Oaks - Free	0.8	No
28	1:47 PM	SP1 38134 Cascade - Free	0.87	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
8	0.93	1.25	0.7	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: December **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
1	11:57 AM	SP2 38219 Cascade - Free	0.66	No
5	12:53 PM	SP3 38103 Cascade - Free	0.92	No
8	10:52 AM	SP5 14610 Majestic Oaks - Free	1.38	No
11	1:25 PM	SP4 14518 Majestic Oaks - Free	0.9	No
15	9:25 AM	SP5 14610 Majestic Oaks - Free	1.23	No
21	4:25 PM	SP1 38134 Cascade - Free	1.22	No
26	11:08 AM	SP2 38219 Cascade - Free	1.12	No
28	11:33 AM	SP3 38103 Cascade - Free	1.05	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
8	1.06	1.38	0.66	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: February **Year:** 2024

Date	Time	Sample Site	Residual	Less than MIN?
2	1:41 PM	SP3 38103 Cascade - Free	1.03	No
5	2:09 PM	SP4 14518 Majestic Oaks - Free	1.09	No
9	11:43 AM	SP5 14610 Majestic Oaks - Free	1.11	No
12	12:38 PM	SP1 38134 Cascade - Free	1	No
16	10:57 AM	SP2 38219 Cascade - Free	1.18	No
20	1:44 PM	SP3 38103 Cascade - Free	1.04	No
23	2:02 PM	SP4 14518 Majestic Oaks - Free	0.81	No
26	11:17 AM	SP5 14610 Majestic Oaks - Free	1.1	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
8	1.05	1.18	0.81	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: January **Year:** 2024

Date	Time	Sample Site	Residual	Less than MIN?
2	12:50 PM	SP1 38134 Cascade - Free	1.09	No
5	10:45 AM	SP4 14518 Majestic Oaks - Free	1.18	No
8	11:13 AM	SP5 14610 Majestic Oaks - Free	1.06	No
12	2:22 PM	SP2 38219 Cascade - Free	0.76	No
17	12:19 PM	SP3 38103 Cascade - Free	1.29	No
19	12:42 PM	SP4 14518 Majestic Oaks - Free	0.78	No
22	12:12 PM	SP1 38134 Cascade - Free	0.97	No
26	11:48 AM	SP2 38219 Cascade - Free	0.8	No
29	1:35 PM	SP5 14610 Majestic Oaks - Free	1.06	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
9	1	1.29	0.76	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: July **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
3	11:58 AM	SP1 38134 Cascade - Free	1.16	No
7	3:14 PM	SP2 38219 Cascade - Free	1.06	No
10	3:36 PM	SP3 38103 Cascade - Free	1.14	No
14	1:52 PM	SP4 14518 Majestic Oaks - Free	0.93	No
17	12:15 PM	SP5 14610 Majestic Oaks - Free	0.9	No
21	10:12 AM	SP1 38134 Cascade - Free	1.04	No
24	12:38 PM	SP2 38219 Cascade - Free	0.96	No
31	3:50 PM	SP3 38103 Cascade - Free	0.3	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
8	0.94	1.16	0.3	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: June **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
2	2:51 PM	SP3 38103 Cascade - Free	0.77	No
5	12:55 PM	SP4 14518 Majestic Oaks - Free	0.7	No
9	12:08 PM	SP5 14610 Majestic Oaks - Free	2.2	No
12	2:07 PM	SP1 38134 Cascade - Free	1.58	No
15	3:06 PM	SP2 38219 Cascade - Free	0.26	No
20	1:50 PM	SP3 38103 Cascade - Free	1.79	No
23	11:45 AM	SP4 14518 Majestic Oaks - Free	1.9	No
28	4:15 PM	SP5 14610 Majestic Oaks - Free	1.02	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
8	1.28	2.2	0.26	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: March **Year:** 2024

Date	Time	Sample Site	Residual	Less than MIN?
1	1:14 PM	SP1 38134 Cascade - Free	0.89	No
4	12:02 PM	SP2 38219 Cascade - Free	0.91	No
8	10:24 AM	SP3 38103 Cascade - Free	1.06	No
11	10:34 AM	SP4 14518 Majestic Oaks - Free	1.06	No
15	9:49 AM	SP5 14610 Majestic Oaks - Free	1.08	No
18	12:22 PM	SP1 38134 Cascade - Free	1.06	No
22	11:13 AM	SP2 38219 Cascade - Free	1.01	No
25	11:42 AM	SP3 38103 Cascade - Free	1.06	No
29	1:34 PM	SP4 14518 Majestic Oaks - Free	1.15	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
9	1.03	1.15	0.89	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: May **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
1	3:24 PM	SP5 14610 Majestic Oaks - Free	1.07	No
4	4:24 PM	SP4 14518 Majestic Oaks - Free	1.18	No
9	8:16 AM	SP1 38134 Cascade - Free	0.92	No
12	8:49 AM	SP2 38219 Cascade - Free	0.83	No
15	12:19 PM	SP3 38103 Cascade - Free	0.9	No
19	8:29 AM	SP4 14518 Majestic Oaks - Free	0.86	No
22	3:14 PM	SP5 14610 Majestic Oaks - Free	0.8	No
26	12:11 PM	SP1 38134 Cascade - Free	0.75	No
30	12:15 PM	SP2 38219 Cascade - Free	0.78	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
9	0.9	1.18	0.75	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: November **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
2	2:09 PM	SP1 38134 Cascade - Free	0.4	No
9	9:44 AM	SP2 38219 Cascade - Free	1.16	No
13	12:47 PM	SP5 14610 Majestic Oaks - Free	1.28	No
17	11:39 AM	SP3 38103 Cascade - Free	1.17	No
22	11:03 AM	SP4 14518 Majestic Oaks - Free	0.96	No
27	1:51 PM	SP1 38134 Cascade - Free	0.92	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
6	0.98	1.28	0.4	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: October **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
3	3:48 PM	SP1 38134 Cascade - Free	0.62	No
9	1:56 PM	SP2 38219 Cascade - Free	1.04	No
13	1:10 PM	SP3 38103 Cascade - Free	1.2	No
16	1:57 PM	SP4 14518 Majestic Oaks - Free	0.94	No
20	1:28 PM	SP5 14610 Majestic Oaks - Free	0.89	No
23	11:58 AM	SP1 38134 Cascade - Free	1.2	No
27	11:23 AM	SP2 38219 Cascade - Free	0.41	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
7	0.9	1.2	0.41	0	0

Disinfectant Residual Worksheet for MRDL Calculation Groundwater or Purchased Water PWSs

System Name: Falls of Wildwood **PWS ID:** 1700673
Month: September **Year:** 2023

Date	Time	Sample Site	Residual	Less than MIN?
1	12:21 PM	SP2 38219 Cascade - Free	0.97	No
5	2:15 PM	SP4 14518 Majestic Oaks - Free	1	No
8	1:57 PM	SP3 38103 Cascade - Free	0.7	No
11	3:53 PM	SP5 14610 Majestic Oaks - Free	0.21	No
15	1:40 PM	SP1 38134 Cascade - Free	1.39	No
18	2:15 PM	SP2 38219 Cascade - Free	2.73	No
22	8:38 AM	SP3 38103 Cascade - Free	1.09	No
25	1:00 PM	SP4 14518 Majestic Oaks - Free	1.42	No
28	2:10 PM	SP5 14610 Majestic Oaks - Free	1.48	No

Monthly Summary

Samples	Average	Highest Reading	Lowest Readings	# Below MIN	# with No Residual
9	1.22	2.73	0.21	0	0

PRESSURE (HYDROPNEUMATIC) TANK

Inspection Form

*“Section 290.46(m)(i) of the Texas Commission on Environmental Quality's Rules and Regulations for Public Water Systems
Each of the system's ground, elevated and pressure tanks shall be inspected annually by water system personnel or a
contracted inspection service.”*

Please use only ONE inspection form per tank.

Location: Falls of Wildwood – PWS 1700673
Description: 2,500 gal Hydro Tank
Date & Material of Exterior Coating System: 2/27/2012 – Epoxy Coating
Date & Material of Interior Coating System: 2/27/2012 – NSF61 Approved Coating

Exterior of Tank

O.K.	Problem	N/A	Description
X			Foundation: settling, cracks, deterioration
X			Protective Coating: rust, pitting, corrosion, leaks
X			Water Level Indicator: operable, cable access opening protected
X			Inspection Port: proper design, locked, hinge bolts secured, gasket
X			Leaks: valves, pipes, and fittings
X			Pressure Release Device: operable
X			Pressure Gauge: operable, easily readable
X			Air-Water Volume Device: operable, filters

Interior of Tank

O.K.	Problem	N/A	Description
		X	Water Quality: insects, floating debris, sediment on bottom
		X	Protective Coating: rust, corrosion, scaling
Date: 06/01/2018			Last Inspection of Pressure Tank Interior

Comments

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Name of Inspector: Kevin Maloney
Date of Inspection: 11/5/2020

PRESSURE (HYDROPNEUMATIC) TANK

Inspection Form

*"Section 290.46(m)(i) of the Texas Commission on Environmental Quality's Rules and Regulations for Public Water Systems
Each of the system's ground, elevated and pressure tanks shall be inspected annually by water system personnel or a
contracted inspection service."*

Please use only ONE inspection form per tank.

Location: Falls of Wildwood – PWS 1700673
Description: 2,500 gal Hydro Tank
Date & Material of Exterior Coating System: 2/27/2012 – Epoxy Coating
Date & Material of Interior Coating System: 2/27/2012 – NSF61 Approved Coating

Exterior of Tank

O.K.	Problem	N/A	Description
✓			Foundation: settling, cracks, deterioration
✓			Protective Coating: rust, pitting, corrosion, leaks
✓			Water Level Indicator: operable, cable access opening protected
✓			Inspection Port: proper design, locked, hinge bolts secured, gasket
✓			Leaks: valves, pipes, and fittings
✓			Pressure Release Device: operable
✓			Pressure Gauge: operable, easily readable
✓			Air-Water Volume Device: operable, filters

Interior of Tank

O.K.	Problem	N/A	Description
		✓	Water Quality: insects, floating debris, sediment on bottom
		✓	Protective Coating: rust, corrosion, scaling
Date: 06/01/2018			Last Inspection of Pressure Tank Interior

Comments

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Name of Inspector:	<i>Nicoforo Ayala</i>	
Date of Inspection:	<i>02/01/23</i>	T&W 001398

Service Inspection Agreement

Rachel Ward

14618 Majestic Oaks

Magnolia, Texas 77354

Service Address: 14618 Majestic Oaks Magnolia, Texas 77354

Account No: 21814

- I. PURPOSE. T & W Water Service (T & W) is responsible for protecting the drinking water supply from contamination or pollution which could result from improper system construction or configuration on the retail connection owner's side of the meter. The purpose of this service agreement is to notify each customer of the restrictions which are in place to provide this protection. The public water system enforces these restrictions to ensure the public health and welfare. Each retail customer must sign this agreement before T & W Water Service will begin service. In addition, when service to an existing retail connection has been suspended or terminated, T & W will not reestablish service unless it has a signed copy of this agreement.
- II. RESTRICTIONS. The following unacceptable practices are prohibited by State regulations.
- A. No direct connection between the public drinking water supply and a potential source of contamination is permitted. Potential sources of contamination shall be isolated from the public water system by an air-gap or an appropriate backflow prevention device.
 - B. No cross-connection between the public drinking water supply and a private water system is permitted. These potential threats to the public drinking water supply shall be eliminated at the service connection by the installation of an air-gap or a reduced pressure-zone backflow prevention device.
 - C. No connection which allows water to be returned to the public drinking water supply is permitted.
 - D. No pipe or pipe fitting which contains more than 0.25% lead may be used for the installation or repair of plumbing at any connection which provides water for human use. Texas Commission on Environmental Quality Page 127 Chapter 290 - Public Drinking Water
 - E. No solder or flux which contains more than 0.2% lead can be used for the installation or repair of plumbing at any connection which provides water for human use.
- III. SERVICE AGREEMENT. The following are the terms of the service agreement between T & W Water Service and the Customer.
- A. T & W will maintain a copy of this agreement as long as the Customer and/or the premises is connected to the Water System.
 - B. The Customer shall allow his property to be inspected for possible cross connections and other potential contamination hazards. These inspections shall be conducted by T & W or its designated agent prior to initiating new water service; when there is reason to believe that cross connections or other potential contamination hazards exist; or after any major changes to the private water distribution facilities. The inspections shall be conducted during T & W's normal business hours.
 - C. T & W shall notify the Customer in writing of any cross connection or other potential contamination hazard which has been identified during the initial inspection or the periodic reinspection.
 - D. The Customer shall immediately remove or adequately isolate any potential cross-connections or other potential contamination hazards on his premises.
 - E. The Customer shall, at his expense, properly install, test, and maintain any backflow prevention device required by T & W. Copies of all testing and maintenance records shall be provided to T & W.
- IV. ENFORCEMENT. If the Customer fails to comply with the terms of the Service Agreement, T & W shall, at its option, either terminate service or properly install, test, and maintain an appropriate backflow prevention device at the service connection. Any expenses associated with the enforcement of this agreement shall be billed to the Customer.
- V. OTHER. Customer also agrees to follow all TCEQ regulations, and future TCEQ regulations, as a condition of continued water service.
- VI. FIRE. T & W does not provide fire-fighting service, and therefore Customer agrees that T & W is not responsible for fire-related injuries or damages, to persons or property, caused by, or aggravated by the availability (or lack thereof) of water, or water pressure (or lack thereof) during fire emergencies.

Rachel M Ward

Customer

Utility Representative