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INTEGRITY
EXCELLENCE
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March 6, 2023

Public Utility Commission
Central Records
1701 N Congress, Suite 8-100
Austin, Texas 78701

Re: City of Carbon and Staff WSC STM – Eastland County

Dear PUC:

Please see the enclosed application to for the City of Carbon, TX to take over the two facility lines from Staff WSC (CCN 11155) known as Kokomo and Flatwood for your review.
7 copies have been included in accordance with §22.71(c). If you have any questions or need additional information, please don't hesitate to email me at dhudson@jacobmartin.com or call me at 325.695.1070.

Sincerely,


David Hudson
JACOB | MARTIN



info@jacobmartin.com
www.jacobmartin.com



3465 Curry Lane
Abilene, TX 79606
325.695.1070

1508 Santa Fe, Suite 203
Weatherford, TX 76086
817.594.9880

1014 Broadway
Lubbock, TX 79401
806.368.6375



TBPE Firm #: 2448
TBAE Firm #: BR 2261
TBPLS Firm #: 10194493

Sale Transfer or Merger Form



Application for Sale, Transfer, or Merger of a Retail Public Utility

Pursuant to Texas Water Code § 13.301 and 16 Texas Administrative Code § 24.239

Sale, Transfer, or Merger (STM) Application Instructions

- I. **COMPLETE:** In order for the Commission to find the application sufficient for filing, the Applicant should:
- Provide an answer to every question and submit any required attachment applicable to the STM request (i.e., agreements or contracts).
 - Use attachments or additional pages to answer questions as necessary. If you use attachments or additional pages, reference their inclusion in the form.
 - Provide all mapping information as detailed in Part G: Mapping & Affidavits.
- II. **FILE:** Seven (7) copies of the completed application with numbered attachments. One copy should be filed with no permanent binding, staples, tabs, or separators; and 7 copies of the portable electronic storage medium containing the digital mapping data.
- SEND TO:** Public Utility Commission of Texas, Attention: Filing Clerk, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78711-3326 (**NOTE: Electronic documents may be sent in advance of the paper copy, however they will not be processed and added to the Commission's on-line Interchange until the paper copy is received and file-stamped in Central Records.**)
- III. The application will be assigned a docket number, and an administrative law judge (ALJ) will issue an order requiring Commission Staff to file a recommendation on whether the application is sufficient. The ALJ will issue an order after Staff's recommendation has been filed:
- DEFICIENT (Administratively Incomplete):** Applicants will be ordered to provide information to cure the deficiencies by a certain date, usually 30 days from ALJ's order. ***Application is not accepted for filing.***
 - SUFFICIENT (Administratively Complete):** Applicants will be ordered by the ALJ to give appropriate notice of the application using the notice prepared by Commission Staff. ***Application is accepted for filing.***
- IV. Once the Applicants issue notice, a copy of the actual notice sent and an affidavit attesting to notice should be filed in the docket assigned to the application. Recipients of notice may request a hearing on the merits.
HEARING ON THE MERITS: An affected party may request a hearing within 30 days of notice. In this event, the application may be referred to the State Office of Administrative Hearings (SOAH) to complete this request.
- V. **TRANSACTION TO PROCEED:** at any time following the provision of notice, or prior to 120 days from the last date that proper notice was given, Commission Staff will file a recommendation for the transaction to proceed as proposed or recommend that the STM be referred to SOAH for further investigation. The Applicants will be required to file an update in the docket to the ALJ every 30 days following the approval of the transaction. The transaction must be completed within six (6) months from the ALJ's order (Note: The Applicants may request an extension to the 6 month provision for good cause).
- VI. **FILE:** Seven (7) copies of completed transaction documents and documentation addressing the transfer or disposition of any outstanding deposits. After receiving all required documents from the Applicants, the application will be granted a procedural schedule for final processing. The Applicants are requested to consent in writing to the proposed maps and certificates, or tariff if applicable.
- VII. **FINAL ORDER:** The ALJ will issue a final order issuing or amending the applicable CCNs.

FAQ:

Who can use this form?

Any retail public utility that provides water or wastewater service in Texas.

Who is required to use this form?

A retail public utility that is an investor owned utility (IOU) or a water supply corporation (WSC) prior to any STM of a water or sewer system, or utility, or prior to the transfer of a portion of a certificated service area.

Terms

Transferor: Seller

Transferee: Purchaser

CCN: Certificate of Convenience and Necessity

STM: Sale, Transfer, or Merger

IOU: Investor Owned Utility

Application Summary

Transferor: Staff WSC

(selling entity)

CCN No.s: 11155

☐ Sale
 ☒ Transfer
 ☐ Merger
 ☐ Consolidation
 ☐ Lease/Rental

Transferee: City of Carbon

(acquiring entity)

CCN No.s: none

☐ Water
 ☐ Sewer
 ☐ All CCN
 ☒ Portion CCN
 ☐ Facilities transfer

County(ies): Eastland

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Please mark the items included in this filing

<input checked="" type="checkbox"/> Contract, Lease, Purchase, or Sale Agreement	Part A: Question 1
<input checked="" type="checkbox"/> Tariff including Rate Schedule	Part B: Question 4
<input checked="" type="checkbox"/> List of Customer Deposits	Part B: Question 5
<input type="checkbox"/> Partnership Agreement	Part C: Question 7
<input type="checkbox"/> Articles of Incorporation and By-Laws (WSC)	Part C: Question 7
<input type="checkbox"/> Certificate of Account Status	Part C: Question 7
<input checked="" type="checkbox"/> Financial Audit	Part C: Question 10
<input type="checkbox"/> Application Attachment A & B	Part C: Question 10
<input checked="" type="checkbox"/> Disclosure of Affiliated Interests	Part C: Question 10
<input type="checkbox"/> Capital Improvement Plan	Part C: Question 10
<input checked="" type="checkbox"/> List of Assets to be Transferred	Part D: 11.B
<input type="checkbox"/> Developer Contribution Contracts or Agreements	Part D: 11.D
<input checked="" type="checkbox"/> Enforcement Action Correspondence	Part E: Question 18 (Part D: Q12)
<input checked="" type="checkbox"/> TCEQ Compliance Correspondence	Part F: Question 22
<input checked="" type="checkbox"/> TCEQ Engineering Approvals	Part F: Question 24
<input type="checkbox"/> Purchased Water Supply or Treatment Agreement	Part F: Question 26
<input checked="" type="checkbox"/> Detailed (large scale) Map	Part G: Question 29
<input checked="" type="checkbox"/> General Location (small scale) Map	Part G: Question 29
<input checked="" type="checkbox"/> Digital Mapping Data	Part G: Question 29
<input checked="" type="checkbox"/> Signed & Notarized Oath	Page 13-14

Part A: General Information

1. Describe the proposed transaction, including the effect on all CCNs involved, and provide details on the existing or expected land use in the area affected by the proposed transaction. Attach all supporting documentation, such as a contract, a lease, or proposed purchase agreements:

The City of Carbon supplies the two areas of Staff WSC known as Kokomo and Flat with water currently. Staff WSC has no water lines connecting to that part of their CCN. There is no expected change in land use in the area affected by the proposed transaction. The customers in the Kokomo and Flat area will continue with the same water and pressure with billing and support coming from the City of Carbon.

2. The proposed transaction will require (check all applicable):

For **Transferee** (Purchaser) CCN:

- ☐ Obtaining a NEW CCN for Purchaser
☐ Transfer all CCN into Purchaser's CCN (Merger)
☐ Transfer Portion of CCN into Purchaser's CCN
☐ Transfer all CCN to Purchaser and retain Seller CCN
☐ Uncertificated area added to Purchaser's CCN

For **Transferor** (Seller) CCN:

- ☐ Cancellation of Seller's CCN
☒ Transfer of a Portion of Seller's CCN to Purchaser
☐ Only Transfer of Facilities, No CCN or Customers
☐ Only Transfer of Customers, No CCN or Facilities
☐ Only Transfer CCN Area, No Customers or Facilities

Part B: Transferor Information

Questions 3 through 5 apply only to the *transferor* (current service provider or seller)

3. A. Name: Staff WSC

(individual, corporation, or other legal entity)

☐ Individual ☐ Corporation ☒ WSC ☐ Other: _____

- B. Mailing Address: PO Box 421 Ranger, TX 76470

Phone: (254)647-5133 Email: _____

- C. Contact Person. Please provide information about the person to be contacted regarding this application. Indicate if this person is the owner, operator, engineer, attorney, accountant, or other title.

Name: Larry Herrington Title: President

Mailing Address: PO Box 421 Ranger, TX 76470

Phone: (254)647-5133 Email: _____

4. If the utility to be transferred is an Investor Owned Utility (IOU), for the most recent rate change, attach a copy of the current tariff and complete A through B:

A. Effective date for most recent rates: _____

- B. Was notice of this increase provided to the Public Utility Commission of Texas (Commission) or a predecessor regulatory authority?

☐ No ☐ Yes Application or Docket Number: _____

If the transferor is a Water Supply or Sewer Service Corporation, provide a copy of the current tariff.

5. For the customers that will be transferred following the approval of the proposed transaction, check all that apply:

☐ There are no customers that will be transferred

☒ # of customers without deposits held by the transferor 92

☒ # of customers with deposits held by the transferor* 0

*Attach a list of all customers affected by the proposed transaction that have deposits held, and include a customer indicator (name or account number), date of each deposit, amount of each deposit, and any unpaid interest on each deposit.

Part C: Transferee Information

Questions 6 through 10 apply only to the *transferee* (purchaser or proposed service provider)

6. A. Name: City of Carbon

(individual, corporation, or other legal entity)

☐ Individual ☐ Corporation ☐ WSC ☒ Other: Municipality

B. Mailing Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

C. Contact Person. Provide information about the person to be contacted regarding this application. Indicate if this person is the owner, operator, engineer, attorney, accountant, or other title.

Name: Corey Hull

Title: Mayor

Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

D. If the transferee is someone other than a municipality, is the transferee current on the Regulatory Assessment Fees (RAF) with the Texas Commission on Environmental Quality (TCEQ)?

☐ No ☐ Yes ☒ N/A

E. If the transferee is an IOU, is the transferee current on the Annual Report filings with the Commission?

☐ No ☐ Yes ☒ N/A

7. The legal status of the transferee is:

☐ Individual or sole proprietorship

☐ Partnership or limited partnership (*attach* Partnership agreement)

☐ Corporation

Charter number (as recorded with the Texas Secretary of State): _____

☐ Non-profit, member-owned, member controlled Cooperative Corporation [Article 1434(a) Water Supply or Sewer Service Corporation, incorporated under TWC Chapter 67]

Charter number (as recorded with the Texas Secretary of State): _____

☐ Articles of Incorporation and By-Laws established (*attach*)

☒ Municipally-owned utility

☐ District (MUD, SUD, WCID, FWSD, etc.)

- ☐ County
- ☐ Affected County (a county to which Subchapter B, Chapter 232, Local Government Code, applies)
- ☐ Other (please explain): _____

8. If the transferee operates under any d/b/a, provide the name below:

Name: _____

9. If the transferee's legal status is anything other than an individual, provide the following information regarding the officers, members, or partners of the legal entity applying for the transfer:

Name: Corey Hull

Position: Mayor

Ownership % (if applicable): 0.00%

Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

Name: Leo Gilentine

Position: Alderman

Ownership % (if applicable): 0.00%

Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

Name: Lindsey McGaha

Position: Alderman

Ownership % (if applicable): 0.00%

Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

Name: Michael Williams

Position: Alderman

Ownership % (if applicable): 0.00%

Address: PO Box 414 Carbon, TX 76435

Phone: (254) 334-1600

Email: _____

10. Financial Information

The transferee Applicant must provide accounting information typically included within a balance sheet, income statement, and statement of cash flows. If the Applicant is an existing retail public utility, this must include historical financial information and projected financial information. However, projected financial information is only required if the Applicant proposes new service connections and new investment in plant, or if requested by Staff. If the Applicant is a new market entrant and does not have its own historical balance sheet, income statement, and statement of cash flows information, then the Applicant should establish a five-year projection taking the historical information of the transferor Applicant into consideration when establishing the projections.

Historical Financial Information may be shown by providing any combination of the following that includes necessary information found in a balance sheet, income statement, and statement of cash flows:

1. Completed Appendix A;
2. Documentation that includes all of the information required in Appendix A in a concise format; or
3. Audited financial statements issued within 18 months of the application filing date. This may be provided electronically by providing a uniform resource locator (URL) or a link to a website portal.

Projected Financial Information may be shown by providing any of the following:

1. Completed Appendix B;
2. Documentation that includes all of the information required in Appendix B in a concise format;
3. A detailed budget or capital improvement plan, which indicates sources and uses of funds required, including improvements to the system being transferred; or
4. A recent budget and capital improvements plan that includes information needed for analysis of the operations test (16 Tex. Admin. Code § 24.11(e)(3)) for the system being transferred and any operations combined with the system. This may be provided electronically by providing a uniform resource locator (URL) or a link to a website portal.

Part D: Proposed Transaction Details

11. A. Proposed Purchase Price: \$ _____

If the transferee Applicant is an investor owned utility (IOU) provide answers to B through D.

B. Transferee has a copy of an inventory list of assets to be transferred (*attach*):

☐ No ☐ Yes ☐ N/A

Total Original Cost of Plant in Service: \$ _____

Accumulated Depreciation: \$ _____

Net Book Value: \$ _____

C. **Customer contributions in aid of construction (CIAC):** Have the customers been billed for any surcharges approved by the Commission or TCEQ to fund any assets currently used and useful in providing utility service? Identify which assets were funded, or are being funded, by surcharges on the list of assets.

☒ No ☐ Yes

Total Customer CIAC: \$ _____

Accumulated Amortization: \$ _____

D. **Developer CIAC:** Did the transferor receive any developer contributions to pay for the assets proposed to be transferred in this application? If so, identify which assets were funded by developer contributions on the list of assets and provide any applicable developer agreements.

☒ No ☐ Yes

Total developer CIAC: \$ _____

Accumulated Amortization: \$ _____

12. A. Are any improvements or construction required to meet the minimum requirements of the TCEQ or Commission and to ensure continuous and adequate service to the requested area to be transferred plus any area currently certificated to the transferee Applicant? Attach supporting documentation and any necessary TCEQ approvals, if applicable.

☐ No ☒ Yes

B. If yes, describe the source and availability of funds and provide an estimated timeline for the construction of any planned or required improvements:

Funding is through the Texas Water Development Board Project 62866 for \$500,000. Plans were submitted in January 2023 with approval expected in March 2023. Bids are planned for June 2023 and construction completed by March 2024. This will be a new standpipe and SCADA system.

13. Provide any other information concerning the nature of the transaction you believe should be given consideration:

The transaction will provide the customers with the full backing of the City of Carbon and all of the support that they provide as the water supplier currently. The Staff WSC will be paying the City of Carbon \$100,000 to take over the two parts of the Staff WSC system that are already connected to the City of Carbon water line.

14. Complete the following proposed entries (listed below) as shown in the books of the Transferee (purchaser) after the acquisition. Debits (positive numbers) should equal credits (negative numbers) so that all line items added together equal zero. Additional entries may be made; the following are suggested only, and not intended to pose descriptive limitations:

Utility Plant in Service: \$ _____

Accumulated Depreciation of Plant: \$ _____

Cash: \$ _____

Notes Payable: \$ _____

Mortgage Payable: \$ _____

(Proposed) Acquisition Adjustment*: \$ _____

* Acquisition Adjustments will be subject to review under 16 TAC § 24.41(d) and (e)

Other (NARUC account name & No.): _____

Other (NARUC account name & No.): _____

15. A. Explain any proposed billing change (NOTE: If the acquiring entity is an IOU, the IOU may not change the rates charged to the customers through this STM application. Rates can only be changed through the approval of a rate change application.)

There will be no proposed billing change other than to pay the City of Carbon instead of Staff WSC.

B. If transferee is an IOU, state whether or not the transferee intends to file with the Commission, or an applicable municipal regulatory authority, an application to change rates for some or all of its customers as a result of the transaction within the next twelve months. If so, provide details below:

N/A

Part E: CCN Obtain or Amend Criteria Considerations

16. Describe, in detail, the anticipated impact or changes in the quality of retail public utility service in the requested area as a result of the proposed transaction:

There is no anticipated impact or change in the quality of retail public service in the requested area as a result of the proposed transaction. The City of Carbon currently provides the water to the area.

17. Describe the transferee's experience and qualifications in providing continuous and adequate service. This should include, but is not limited to: other CCN numbers, water and wastewater systems details, and any corresponding compliance history for all operations.

The City of Carbon is a General Law Type B city incorporated in 1905. It has sufficient competent staff to provide continuous and adequate service. As the City of Carbon currently provides the water to the affected area, this will allow for inclusion in future upgrades as a part of the city. The City currently serves a population of 710 as well as providing water to the affected area. The City of Carbon operates two pump stations, a booster plant and the distribution system of the city.

18. Has the transferee been under an enforcement action by the Commission, TCEQ, Texas Department of Health (TDH), the Office of the Attorney General (OAG), or the Environmental Protection Agency (EPA) in the past five (5) years for non-compliance with rules, orders, or state statutes? Attach copies of any correspondence with the applicable regulatory agency(ies)

☐ No ☒ Yes

19. Explain how the environmental integrity or the land will be impacted or disrupted as a result of the proposed transaction:

There will be no change or impact to the environmental integrity or the land.

20. How will the proposed transaction serve the public interest?

The affected area will continue to be served the same water by the City of Carbon. As the City is directly connected to the affected area, closer supervision will be available to ensure that the water delivered in a safe and consistent manner.

21. List all neighboring water or sewer utilities, cities, districts (including ground water conservation districts), counties, or other political subdivisions (including river authorities) providing the same service within two (2) miles from the outer boundary of the requested area affected by the proposed transaction:

Westbound WSC. CCN Number 11831

Part F: TCEQ Public Water System or Sewer (Wastewater) Information

Complete Part F for EACH Public Water or Sewer system to be transferred subject to approval of the transaction. Attach a separate sheet with this information if you need more space for additional systems being transferred.

22. A. For Public Water System (PWS):

TCEQ PWS Identification Number: TX0670030 TX0670031 (7 digit ID)

Name of PWS: Staff WSC Flatwood Area Staff WSC Kokomo Area

Date of last TCEQ compliance inspection: 10/23/2020 (attach TCEQ letter)

Subdivisions served: _____

B. For Sewer service:

TCEQ Water Quality (WQ) Discharge Permit Number: WQ - (8 digit ID)

Name of Wastewater Facility: _____

Name of Permittee: _____

Date of last TCEQ compliance inspection: _____ (attach TCEQ letter)

Subdivisions served: _____

Date of application to transfer permit submitted to TCEQ: _____

23. List the number of existing connections, by meter/connection type, to be affected by the proposed transaction:

Water			Sewer		
0	Non-metered	0	2"	NA	Residential
92	5/8" or 3/4"	0	3"		Commercial
0	1"	0	4"		Industrial
0	1 1/2"	7	Other		Other
Total Water Connections:			92	Total Sewer Connections:	NA

24. A. Are any improvements required to meet TCEQ or Commission standards?

☐ No ☒ Yes

B. Provide details on each required major capital improvement necessary to correct deficiencies to meet the TCEQ or Commission standards (attach any engineering reports or TCEQ approval letters):

Description of the Capital Improvement:	Estimated Completion Date:	Estimated Cost:
Upgrade storage capacity for Plant 2	March 2024	500,000

C. Is there a moratorium on new connections?

☒ No ☐ Yes:

25. Does the system being transferred operate within the corporate boundaries of a municipality?

☒ No ☐ Yes: _____ (name of municipality)

If yes, indicate the number of customers within the municipal boundary.

Water: _____ Sewer: NA

26. A. Does the system being transferred purchase water or sewer treatment capacity from another source?

☐ No ☒ Yes: If yes, attach a copy of purchase agreement or contract.

Capacity is purchased from: City of Carbon

Water:

Sewer: N/A

B. Is the PWS required to purchase water to meet capacity requirements or drinking water standards?

☒ No ☐ Yes

C. What is the amount of water supply or sewer treatment purchased, per the agreement or contract? What is the percent of overall demand supplied by purchased water or sewer treatment (if any)?

	Amount in Gallons	Percent of demand
Water:		0.00%
Sewer:	N/A	0.00%

D. Will the purchase agreement or contract be transferred to the Transferee?

☐ No ☒ Yes:

27. Does the PWS or sewer treatment plant have adequate capacity to meet the current and projected demands in the requested area?

☒ No ☐ Yes:

28. List the name, class, and TCEQ license number of the operator that will be responsible for the operations of the water or sewer utility service:

Name (as it appears on license)	Class	License No.	Water or Sewer
Chad Gosnell –	D	WO0030008	water

Part G: Mapping & Affidavits

ALL applications require mapping information to be filed in conjunction with the STM application.

Read question 29 A and B to determine what information is required for your application.

29. A. For applications requesting to transfer an entire CCN, without a CCN boundary adjustment, provide the following mapping information with each of the seven (7) copies of the application:

1. A general location (small scale) map identifying the requested area in reference to the nearest county boundary, city, or town. The following guidance should be adhered to:
 - i. If the application requests to transfer certificated service areas for both water and sewer, separate maps must be provided for each.
 - ii. A hand drawn map, graphic, or diagram of the requested area is not considered an acceptable mapping document.

- iii. To maintain the integrity of the scale and quality of the map, copies must be exact duplicates of the original map. Therefore, copies of maps cannot be reduced or enlarged from the original map, or in black and white if the original map is in color.

- 2. A detailed (large scale) map identifying the requested area in reference to verifiable man-made and natural landmarks such as roads, rivers, and railroads. The Applicant should adhere to the following guidance:
 - i. The map must be clearly labeled and the outer boundary of the requested area should be marked in reference to the verifiable man-made or natural landmarks. These verifiable man-made or natural landmarks must be labeled and marked on the map as well.
 - ii. If the application requests an amendment for both water and sewer certificated service area, separate maps need to be provided for each.
 - iii. To maintain the integrity of the scale and quality of the map, copies must be exact duplicates of the original map. Therefore, copies of maps cannot be reduced or enlarged from the original map, or in black and white if the original map is in color.
 - iv. The outer boundary of the requested area should not be covered by any labels, roads, city limits or extraterritorial jurisdiction (ETJ) boundaries.

B. For applications that are requesting to include area not currently within a CCN, or for applications that require a CCN amendment (any change in a CCN boundary), such as the transfer of only a portion of a certificated service area, provide the following mapping information with each of the seven (7) copies of the application:

- 1. A general location (small scale) map identifying the requested area with enough detail to locate the requested area in reference to the nearest county boundary, city, or town. Please refer to the mapping guidance in part A 1 (above).
- 2. A detailed (large scale) map identifying the requested area with enough detail to accurately locate the requested area in reference to verifiable man-made or natural landmarks such as roads, rivers, or railroads. Please refer to the mapping guidance in part A 2 (above).
- 3. One of the following identifying the requested area:
 - i. A metes and bounds survey sealed or embossed by either a licensed state land surveyor or a registered professional land surveyor. Please refer to the mapping guidance in part A 2 (above);
 - ii. A recorded plat. If the plat does not provide sufficient detail, Staff may request additional mapping information. Please refer to the mapping guidance in part A 2 (above); or
 - iii. Digital mapping data in a shapefile (SHP) format georeferenced in either NAD 83 Texas State Plane Coordinate System (US Feet) or in NAD 83 Texas Statewide Mapping System (Meters). The digital mapping data shall include a single, continuous polygon record. The following guidance should be adhered to:
 - a. The digital mapping data must correspond to the same requested area as shown on the general location and detailed maps. The requested area must be clearly labeled as either the water or sewer requested area.
 - b. A shapefile should include six files (.dbf, .shp, .shx, .sbx, .sbn, and the projection (.prj) file).
 - c. The digital mapping data shall be filed on a data disk (CD or USB drive), clearly labeled, and filed with Central Records. Seven (7) copies of the digital mapping data is also required.

Part H: Notice Information

The following information will be used to generate the proposed notice for the application.
DO NOT provide notice of the application until it is found sufficient and the Applicants are ordered to provide notice.

30. Complete the following using verifiable man-made or natural landmarks such as roads, rivers, or railroads to describe the requested area (to be stated in the notice documents). Measurements should be approximated from the outermost boundary of the requested area:

The total acreage of the requested area is approximately: 1109.91

Number of customer connections in the requested area: 92

Affected subdivision :

The closest city or town: City of Carbon, TX

Approximate mileage to closest city or town center: 0

Direction to closest city or town: same

The requested area is generally bounded on the North by: Eastland County Road 306

on the East by: FM 2589, Eastland County

on the South by: Highway 6, Eastland County

on the West by: City of Carbon, Eastland County

31. A copy of the proposed map will be available at: , City hall, 302 Main Street, Carbon TX 76435

32. What effect will the proposed transaction have on an average bill to be charged to the affected customers? Take into consideration the average consumption of the requested area, as well as any other factors that would increase or decrease a customer's monthly bill.

☒ All of the customers will be charged the same rates they were charged before the transaction.

☐ All of the customers will be charged different rates than they were charged before the transaction.

☐ higher monthly bill ☐ lower monthly bill

☐ Some customers will be charged different rates than they were charged before
(i.e. inside city limit customers)

☐ higher monthly bill ☐ lower monthly bill

Oath for Transferor (Transferring Entity)

STATE OF TEXAS

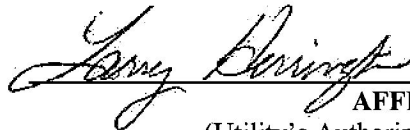
COUNTY OF EASTLAND

I, LARRY HERRINGTON being duly sworn, file this application for sale,
merger, consolidation, acquisition, lease, or transfer,
rental, as President of STAFF WSC

(owner, member of partnership, title as officer of corporation, or authorized representative)

I attest that, in such capacity, I am qualified and authorized to file and verify such application, am personally familiar with the documents filed with this application, and have complied with all the requirements contained in the application; and, that all such statements made and matters set forth therein with respect to Applicant are true and correct. Statements about other parties are made on information and belief. I further state that the application is made in good faith and that this application does not duplicate any filing presently before the Commission.

I further state that I have been provided with a copy of the 16 TAC § 24.239 Commission rules. I am also authorized to agree and do agree to be bound by and comply with any outstanding enforcement orders of the Texas Commission on Environmental Quality, the Public Utility Commission of Texas or the Attorney General which have been issued to the system or facilities being acquired and recognize that I will be subject to administrative penalties or other enforcement actions if I do not comply.



AFFIANT

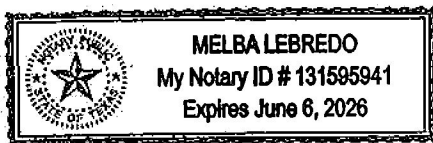
(Utility's Authorized Representative)

If the Affiant to this form is any person other than the sole owner, partner, officer of the Applicant, or its attorney, a properly verified Power of Attorney must be enclosed.

SUBSCRIBED AND SWORN BEFORE ME, a Notary Public in and for the State of Texas

this day the 16th of DEC, 2022

SEAL





**NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS**

MELBA LEBREDO

PRINT OR TYPE NAME OF NOTARY

My commission expires:

JUNE 6th, 2026

Oath for Transferee (Acquiring Entity)

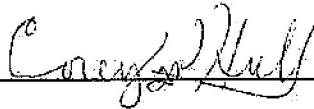
STATE OF Texas

COUNTY OF Eastland

I, Corey Hull being duly sworn, file this application for sale, transfer, merger, consolidation, acquisition, lease, or rental, as Mayor
(owner, member of partnership, title as officer of corporation, or authorized representative)

I attest that, in such capacity, I am qualified and authorized to file and verify such application, am personally familiar with the documents filed with this application, and have complied with all the requirements contained in the application; and, that all such statements made and matters set forth therein with respect to Applicant are true and correct. Statements about other parties are made on information and belief. I further state that the application is made in good faith and that this application does not duplicate any filing presently before the Commission.

I further state that I have been provided with a copy of the 16 TAC § 24.239 Commission rules. I am also authorized to agree and do agree to be bound by and comply with any outstanding enforcement orders of the Texas Commission on Environmental Quality, the Public Utility Commission of Texas or the Attorney General which have been issued to the system or facilities being acquired and recognize that I will be subject to administrative penalties or other enforcement actions if I do not comply.



AFFIANT

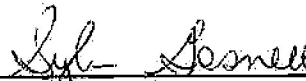
(Utility's Authorized Representative)

If the Affiant to this form is any person other than the sole owner, partner, officer of the Applicant, or its attorney, a properly verified Power of Attorney must be enclosed.

SUBSCRIBED AND SWORN BEFORE ME, a Notary Public in and for the State of Texas

this day the 10 of December, 20 22

SEAL



**NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS**

Sylvia Gosnell

PRINT OR TYPE NAME OF NOTARY

My commission expires: 12 - 11 - 22

Appendix A: Historical Financial Information (Balance Sheet and Income Schedule)

(Audited financial statements may be substituted for this schedule – see Item 17 of the instructions)

HISTORICAL BALANCE SHEETS (ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
CURRENT ASSETS						
Cash						
Accounts Receivable						
Inventories						
Other						
A. Total Current Assets						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
B. Total Fixed Assets						
C. TOTAL Assets (A + B)						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
D. Total Current Liabilities						
LONG TERM LIABILITIES						
Notes Payable, Long-term						
Other						
E. Total Long Term Liabilities						
F. TOTAL LIABILITIES (D + E)						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
G. TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES+EQUITY (F + G) = C						
WORKING CAPITAL (A - D)						
CURRENT RATIO (A / D)						
DEBT TO EQUITY RATIO (E / G)						

DO NOT INCLUDE ATTACHMENTS A OR B IN FILED APPLICATION IF LEFT BLANK

HISTORICAL NET INCOME INFORMATION						
(ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
METER NUMBER						
Existing Number of Taps						
New Taps Per Year						
Total Meters at Year End						
METER REVENUE						
Revenue per Meter (use for projections)						
Expense per Meter (use for projections)						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Revenues- Base Rate & Gallonage Fees						
Other (Tap, reconnect, transfer fees, etc)						
Gross Income						
EXPENSES						
General & Administrative (see schedule)						
Operating (see schedule)						
Interest						
Other (list)						
NET INCOME						

HISTORICAL EXPENSE INFORMATION (ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
GENERAL/ADMINISTRATIVE EXPENSES						
Salaries & Benefits–Office/Management						
Office (services, rentals, supplies, electricity)						
Contract Labor						
Transportation						
Insurance						
Telephone						
Utilities						
Property Taxes						
Professional Services/Fees (recurring)						
Regulatory- other						
Other (describe)						
Interest						
Other						
Total General Admin. Expenses (G&A)						
% Increase Per Year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OPERATIONS & MAINTENANCE EXPENSES						
Salaries & Benefits (Employee, Management)						
Materials & Supplies						
Utilities Expense-office						
Contract Labor						
Transportation Expense						
Depreciation Expense						
Other(describe)						
Total Operational Expenses (O&M)						
Total Expense (Total G&A + O&M)						
Historical % Increase Per Year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
ASSUMPTIONS						
Interest Rate/Terms						
Depreciation Schedule (attach)						
Other assumptions/information (List all)						

Appendix B: Projected Information

HISTORICAL BALANCE SHEETS (ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
CURRENT ASSETS						
Cash						
Accounts Receivable						
Inventories						
Income Tax Receivable						
Other						
A. Total Current Assets						
FIXED ASSETS						
Land						
Collection/Distribution System						
Buildings						
Equipment						
Other						
Less: Accum. Depreciation or Reserves						
B. Total Fixed Assets						
C. TOTAL Assets (A + B)						
CURRENT LIABILITIES						
Accounts Payable						
Notes Payable, Current						
Accrued Expenses						
Other						
D. Total Current Liabilities						
LONG TERM LIABILITIES						
Notes Payable, Long-term						
Other						
E. Total Long Term Liabilities						
F. TOTAL LIABILITIES (D + E)						
OWNER'S EQUITY						
Paid in Capital						
Retained Equity						
Other						
Current Period Profit or Loss						
G. TOTAL OWNER'S EQUITY						
TOTAL LIABILITIES+EQUITY (F + G) = C						
WORKING CAPITAL (A – D)						
CURRENT RATIO (A / D)						
DEBT TO EQUITY RATIO (F / G)						

PROJECTED NET INCOME INFORMATION						
(ENTER DATE OF YEAR END)	CURRENT(A) (- -)	A-1 YEAR (- -)	A-2 YEAR (- -)	A-3 YEAR (- -)	A-4 YEAR (- -)	A-5 YEAR (- -)
METER NUMBER						
Existing Number of Taps						
New Taps Per Year						
Total Meters at Year End						
METER REVENUE						
Revenue per Meter (use for projections)						
Expense per Meter (use for projections)						
Operating Revenue Per Meter						
GROSS WATER REVENUE						
Revenues- Base Rate & Gallonage Fees						
Other (Tap, reconnect, transfer fees, etc)						
Gross Income						
EXPENSES						
General & Administrative (see schedule)						
Operating (see schedule)						
Interest						
Other (list)						
NET INCOME						

PROJECTED EXPENSE DETAIL	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
GENERAL/ADMINISTRATIVE EXPENSES						
Salaries						
Office						
Computer						
Auto						
Insurance						
Telephone						
Utilities						
Depreciation						
Property Taxes						
Professional Fees						
Interest						
Other						
Total						
% Increase Per projected Year	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OPERATIONAL EXPENSES						
Salaries						
Auto						
Utilities						
Depreciation						
Repair & Maintenance						
Supplies						
Interest						
Other						
Total						

PROJECTED SOURCES AND USES OF CASH STATEMENTS	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTALS
SOURCES OF CASH						
Net Income						
Depreciation (If funded by revenues of system)						
Loan Proceeds						
Other						
Total Sources						
USES OF CASH						
Net Loss						
Principle Portion of Pmts.						
Fixed Asset Purchase						
Reserve						
Other						
Total Uses						
NET CASH FLOW						
DEBT SERVICE COVERAGE						
Cash Available for Debt Service (CADS)						
A: Net Income (Loss)						
B: Depreciation, or Reserve Interest						
C: Total CADS (A + B = C)						
D: DEBT SERVICE (DS)						
Principle Plus Interest						
E: DEBT SERVICE COVERAGE RATIO						
CADS Divided by DS (E = C / D)						

Utility Asset Transfer Agreement

City of Carbon
P.O. Box 414
Carbon, TX 76435

October 18, 2022

To Whom It May Concern:

City of Carbon voted to accept the offer made by Staff Water Supply. The written proposal and all it entails.

\$100,000.00

No new meters but will provide existing drive by reading software system currently used to read 80% of the customers, approximately 20 are read manually

Staff Water will provide training for two months; Linda Meroney and James Johnson and Melba Lebrede.

Staff WSC and Carbon Water will split all legal fees.

While waiting TCEQ approval to move on these customers into our CCN we will continue current water rate after existing contract expires on Dec 14, 2022

Thanks Corey Hull Mayor

A handwritten signature in black ink, appearing to read "Corey Hull", written over a horizontal line.

STAFF WATER SUPPLY CORPORATION
P.O. Box 421
620 West Loop 254
Ranger, TX 76470
254-647-5133

October 17, 2022

To Whom it May Concern,

Staff WSC received verbal counteroffer from Carbon Water Department on September 27, 2022, and written documentation on October 12, 2022, regarding obtaining 92 customers located in Flatwood/Kokomo PWS 0670030. Their counteroffer requests the following:

- \$85,000.
- New auto read meters.
- Staff WSC pay all transition costs.
- Pressure Valves in vaults must work correctly as well as other valves in the system.

On October 11, 2022, Staff WSC Board of Directors voted to counteroffer with the following:

- \$100,000 to be spent however you like.
- No new meters but we will provide *existing* drive by reading software system currently used to read 80% of the customers identified in this area; approximately 20 are read manually.
- Staff WSC will provide training for two months; Linda Meroney & James Johnson (field) & Melba Lebrede (office).
- Staff WSC and Carbon Water Department will split legal fees.
- While awaiting TCEQ approval to move these customers into your CCN, continue current water rate after existing contract expires on December 14, 2022.

In addition, Staff WSC has issued an Escrow check in the amount of \$100,000 which Attorney, Jim Farrar will hold as our commitment to this project.

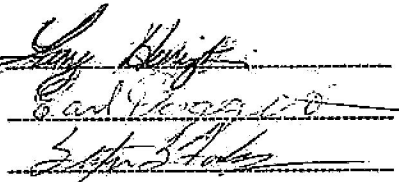
Thank you for your consideration. We look forward to your response.

Sincerely,

Larry Herrington, President

Earl Doggett, Vice President

Stephen Forbes, Director



Additional Transferee Officers

Name:	Jessica Taylor		
Position:	Alderman	Ownership % (if applicable):	
Address:	PO Box 414 Carbon, TX 76435		
Phone:	(254) 334-1600	Email:	
Name:	Dale Griffin		
Position:	Alderman	Ownership % (if applicable):	
Address:	PO Box 414 Carbon, TX 76435		
Phone:	(254) 334-1600	Email:	
Name:			
Position:		Ownership % (if applicable):	
Address:			
Phone:		Email:	
Name:			
Position:		Ownership % (if applicable):	
Address:			
Phone:		Email:	

Rate Tariff

Rate Number 1-BASIC RATE

Change Field

<< < > >>

Minimum Charges:

Name of Service:

Min. Charge:

1.	Water	37.50
2.	Transfer Fee	.00
3.		.00
4.		.00
5.		.00
6.	Other 3 Charge	.00
7.	Other 4 Charge	.00

Late Charges:

Late Charge Dates:

8. Fixed:	.00	10. Billing Day:	25th
9. Percent:	10	11. Due Date:	10th

Tax:

12.

0.5 %

Options

Extras:

County Code 0

Alternate

13.	.00
14.	.00
15.	.00
16.	.00
17.	.00

Type of Account:

Inactive/Vacant	<input type="checkbox"/>
Collection	<input type="checkbox"/>
Residential	<input checked="" type="checkbox"/>
Commercial	<input type="checkbox"/>
Industrial	<input type="checkbox"/>
Rate Category	<input type="checkbox"/>

No Water
Charge for
Zero Usage

Step Rates:

Step:	Gallons	Water Min. Charge	Transf Min. Charge
19.	2000		
20.	Remainder	12.000	.000
21.	0	.000	.000
22.	0	.000	.000
23.	0	.000	.000
24.	0	.000	.000
25.	0	.000	.000
26.	0	.000	.000
27.	0	.000	.000
28.	0	.000	.000
29.	0	.000	.000
30.	0	.000	.000

List Accounts

Print Chart

Print Rate

Undo Change

New

Close

Sample Charges:

Gallons	Water	Transfer Fee
2000	37.50	.00
5000	73.50	.00
10000	133.50	.00
50000	613.50	.00
80000	973.50	.00
200000	2413.50	.00

Minimum Charge for

List of Customer Deposits

1:43:06PM

MEMBERSHIPS

Staff Water Supply Corporation

ACCT #	NAME	MEMBERSHIP	DATE	CERT #	DEPOSIT 2	DATE	DATE	CERT #	MEMBER
			REFUND				REFUND		
205	CARLTON, BILLY	\$100.00	7/17/12		\$0.00			0	
224	BAILEY, WAYNE & BIL	\$100.00	6/26/15		\$0.00			0	
226	JOHNSON, JOANN	\$100.00	6/26/15		\$0.00			0	
271	Wilkes Ranch Texas LTD	\$100.00	6/3/14		\$0.00			0	
324	Milstead, Troy & Verlier	\$100.00	9/9/14		\$0.00			0	
400	HOFFMANN, BILL	\$50.00	1/1/71		\$0.00			0	
401	PURDOM, MIKE & SHER	\$50.00	12/1/86		\$0.00			0	
402	HOFFMANN, BILL	\$50.00	1/1/72		\$0.00			0	
403	MONTGOMERY, Shelley	\$50.00	1/1/71		\$0.00			0	
404	SIEBERT, MIKE	\$50.00	1/1/72		\$0.00			0	
405	Whittington, J R-Ranch	\$100.00	12/1/86		\$0.00			0	
406	SIEBERT, MIKE	\$50.00	1/1/71		\$0.00			0	
407	GUSTIN, Steven & Jennife	\$50.00	1/1/72		\$0.00			0	
409	MONTGOMERY, BURT	\$100.00	10/3/83		\$0.00			0	
410	HERRING, CLYDE	\$50.00	1/1/71		\$0.00			0	
411	YARBROUGH, RAYMON	\$100.00	12/1/86		\$0.00			0	
412	ANDREWS, GARLAND P	\$50.00	1/1/71		\$0.00			0	
413	LITTLE, CHARLES E.	\$50.00	1/1/71		\$0.00			0	
441	BLAYLOCK, MARK	\$100.00	2/23/95		\$0.00			0	
444	HAYES, STEVE	\$100.00	5/22/08		\$0.00			0	
572	JORDAN, WEBB	\$100.00	5/21/98		\$0.00			0	
580	LYNCH, JANA	\$100.00	3/30/04		\$0.00			0	
629	GARRETT, CARLA	\$100.00	6/3/97		\$0.00			0	
641	STEWART, CHARLES	\$100.00	7/11/97		\$0.00			0	
642	CARLTON, BILLY D.	\$100.00	1/27/98		\$0.00			0	
* 656	CATES, MARVIN	\$0.00	11/19/98	Deleted Acct.	\$0.00			0	
669	ANDREWS, GARLAND P	\$100.00	7/5/99		\$0.00			0	
674	WELCH, KREG	\$100.00	1/3/00		\$0.00			0	
830	BOWLAND, BOBBY JAC	\$100.00	4/25/05		\$0.00			0	
871	GRAY, Charles & Shannon	\$100.00	1/12/06		\$0.00			0	
892	STEPHENS, Carol & Louis	\$100.00	7/6/06		\$0.00			0	
997	MAXWELL, DIANE	\$100.00	10/31/12		\$0.00			0	

31 32 Accounts listed

Total amount of memberships: \$2,600.00

Total amount of Deposit 2: \$0.00

All Customers Route=3 - Flatwood

Staff Water Supply Corp

1:43:44PM

MEMBERSHIPS

Staff Water Supply Corporation

ACCT #	NAME	MEMBERSHIP	DATE	CERT #	DEPOSIT 2	DATE	DATE	CERT #	MEMBER
						REFUND	REFUND		
22	CARPER, Bill & Winnie	\$100.00	9/1/22		\$0.00			0	
88	TURNER, FRED	\$100.00	12/13/11		\$0.00			0	
89	COOK, DONNY	\$100.00	3/16/15		\$0.00			0	
124	WEAVER, NEAL	\$100.00	8/6/99		\$0.00			0	
192	REID, GERALD & SUSAN	\$100.00	2/4/14		\$0.00			0	
228	COOK, LYNDAL	\$100.00	7/13/15		\$0.00			0	
253	WARREN, JAMES G.	\$100.00	3/25/14		\$0.00			0	
256	MACON, Zoey & Joseph	\$100.00	6/3/22		\$0.00			0	
274	RICE, ZACKERY	\$100.00	11/2/22		\$0.00			0	
323	LEAKE, DAVID	\$100.00	11/21/17		\$0.00			0	
374	IVEY, DONALD L.	\$100.00	6/22/04		\$0.00			0	
388	HALLMARK, Leevi & Ash	\$100.00	1/18/19		\$0.00			0	
417	LOVE, RONNIE	\$100.00	1/1/81		\$0.00			0	
418	PACK, RONNIE	\$100.00	1/1/72		\$0.00			0	
420	MILLICAN, VINCENT	\$100.00	1/1/79		\$0.00			0	
422	MILLICAN, WANNELL	\$100.00	1/1/79		\$0.00			0	
423	CARLTON, Darrell & Reni	\$100.00	12/1/86		\$0.00			0	
424	REYNOLDS, W.E.	\$100.00	1/1/80		\$0.00			0	
425	HUGHES, DONALD W.	\$100.00	12/1/86		\$0.00			0	
427	CRAIGHEAD, R D- ESTA	\$50.00	1/1/71		\$0.00			0	
428	BUCHHOLZ, Gary & Kath	\$50.00	1/1/72		\$0.00			0	
429	CASTLE, CHRYSTAL	\$100.00	1/1/75		\$0.00			0	
430	NELSON, JIMMY	\$50.00	1/1/71		\$0.00			0	
432	LANE, RAYMOND	\$100.00	1/1/80		\$0.00			0	
433	Ratterree, Troy & Rosa	\$100.00	5/22/08		\$0.00			0	
434	BRASHER, CASSIE	\$50.00	1/1/71		\$0.00			0	
435	BOONE, H.H.	\$50.00	1/1/72		\$0.00			0	
436	Pruitt, Elizabeth & Ronald	\$50.00	9/15/71		\$0.00			0	
438	CAMPBELL, GARY	\$100.00	1/1/85		\$0.00			0	
449	WARD, JOSHUA & TIFFA	\$50.00	1/1/71		\$0.00			0	
452	CROWDER, TOM	\$100.00	1/1/71		\$0.00			0	
453	LITTLE, ALAN	\$50.00	1/1/71		\$0.00			0	
455	JOHNSON, JAMES	\$50.00	1/1/71		\$0.00			0	
458	JOINER, ENNIS	\$100.00	3/1/82		\$0.00			0	
460	KOKOMO BAPTIST CHU	\$100.00	1/1/81		\$0.00			0	
463	BURGESS, DURWOOD	\$50.00	1/1/71		\$0.00			0	
464	MORROW, Larry & Paula	\$50.00	1/1/71		\$0.00			0	
466	LEWIS, DELIAH	\$50.00	1/1/71		\$0.00			0	
468	O'NEAL, J W - ESTATE	\$50.00	1/1/72		\$0.00			0	
469	SCITERN, JOHNNY	\$100.00	2/27/81		\$0.00			0	
470	SCITERN, JOHNNY	\$100.00	1/1/77		\$0.00			0	
471	FIELDS, JAMES	\$50.00	1/1/71		\$0.00			0	
472	BROWN, KRIS or D'AUN	\$100.00	12/1/86		\$0.00			0	
545	WIDLER, Mitch & Karen	\$100.00	11/5/21		\$0.00			0	
562	KOLLAR, Jerry & Darla	\$100.00	4/27/22		\$0.00			0	
581	OSTMANN, RONALD	\$100.00	6/18/99		\$0.00			0	
588	MATASSA, Alex & Theres	\$100.00	7/9/93		\$0.00			0	
609	CROWDER, TOM	\$100.00	10/17/95		\$0.00			0	
616	HAMPTON, MICHAEL	\$100.00	5/28/96		\$0.00			0	
654	BEAVAN, BILL & MICHE	\$100.00	7/11/08		\$0.00			0	
673	Frontline Christian	\$100.00	12/17/99		\$0.00			0	
680	SELF, SHIRLEY	\$100.00	3/2/00		\$0.00			0	

1:43:44PM

MEMBERSHIPS**Staff Water Supply Corporation**

ACCT #	NAME	MEMBERSHIP	DATE	CERT #	DEPOSIT 2	DATE	DATE	CERT #	MEMBER
			REFUND			REFUND			
681	SCITERN, KRIS	\$100.00	3/3/00		\$0.00			0	
698	Seaton, Jeff & Veronica	\$100.00	5/10/01		\$0.00			0	
742	CARLTON, JERRY	\$100.00	8/12/02		\$0.00			0	
756	Little Lake Ranch LLC (2)	\$100.00	12/27/02		\$0.00			0	
774	COOK, TERRY & SHERR	\$100.00	5/23/03		\$0.00			0	
845	RICE, ZACKERY	\$100.00	8/18/05		\$0.00			0	
864	LITTLE LAKE RANCH (1	\$100.00	11/18/05		\$0.00			0	
900	FORD, CLINT	\$100.00	8/28/06		\$0.00			0	
962	Kokomo/Simpson Cem. As	\$100.00	9/3/09		\$0.00			0	

61 Accounts listed**Total amount of memberships: \$5,400.00****Total amount of Deposit 2: \$0.00**

All Customers Route=4 *-Kokomo*
Staff Water Supply Corp

Articles of Incorporation

56/294

the State of Texas } Before me L. E. Bramm a Notary
County of Eastland Public, in and, for Eastland County,
Texas, on this day personally appeared J. P.
Clements known to me to be the person whose name
is subscribed to the foregoing instrument and
acknowledged to me that he executed the same
for the purposes and consideration therein expressed.
Given under my hand and seal of office, this
first day of Nov A.D. 1904.
{L.S.} #1501 L. E. Bramm Notary Public
E. Leo. Tex.

Filed for Record May 5th 1905 at 9 P.M.
Recorded May 18th 1905 at 4 P.M.
Jane Trimble
Clerk.

Order Declaring the Town } Office of Chas. D. Spawns,
of Carbon Tex. } Clerk of Eastland County, Texas,
Incorporated } May 8, 1905.

Whereas, on the 15th day
of April, 1905, a petition was filed in my office
by thirty nine resident citizens and qualified
voters residing within the town of Carbon, in Eastland
County, Texas, stating the bounded rails of said town,
asking that an election be ordered within said
town of Carbon for the purpose of determining
whether the said town of Carbon should be in-
corporated under the provisions of Title 18, Chapter
11, of the revised Civil Statutes of the State of
Texas, and

Whereas, an election was by me duly ordered
to be held within the said town of Carbon on the
29th day of April, 1905, notice of which was given
according to Law, and whereas said election was
held on the said 29th day of April, 1905, and
due returns thereof made to the County Judge of
said Eastland County within the time required
by law, and whereas, said election returns were
by me opened and examined on the 8th day of
May, 1905, and that said returns showed that a



TRUE AND CORRECT
COPY OF ORIGINAL
FILED IN EASTLAND
COUNTY CLERK'S OFFICE

majority of all the votes cast at said election were cast in favor of "Incorporation". Now therefore, I, Chas. S. Spencer, County Judge of Eastland County Texas, do hereby declare and order that the inhabitants of the said town of Carbon, in Eastland County Texas, are incorporated within the boundaries thereof, described as follows:

Beginning at the N.W. Corner of Section No. 33, in Block 2, as shown on the N. & T. C. Ry. Co. in Eastland County Texas, the same being the N.W. Corner of the town plot of the said town of Carbon, as surveyed and platted by J. F. Reed, and recorded on the records of Deeds for Eastland County Texas, in Vol. 31, page 498, stake for corner from which a P.O. 10' dia. brs. N. 23 1/2 W. 84 vras. do. 8' brs. N. 15 1/4 W. 93 vras. thence South with the N. & T. line of Section No. 33 Block 2, one mile to stake for corner from which P.O. brs. N. 63 E. 8 1/2 vras. do. brs. N. 57 E. 16 1/2 vras. thence East with South line of said Section No. 33, Block 2, one mile to the S.E. Corner of said Section No. 33, Block 2, stake for corner, from which a P.O. 6' brs. S. 36 E. 7 vras. do. 8' brs. N. 41 W. 6 1/2 vras. thence North with East line of said Section No. 33 Block 2, one mile to the N.E. Corner of said Section, stake for corner, from which a P.O. brs. N. 4 1/2 E. 28 vras. P.O. brs. N. 16 E. 26 vras. thence West with the North line of said Section No. 33, to the place of beginning, containing 640 acres of land cut into smaller lots and blocks as shown by said map heretofore referred to and to which reference is here made, and also to the plat hereto attached covering the same territory.

Witness my official signature and seal of office at my office in the town of Eastland, Eastland County, Texas, this 8th day of May, 1905.

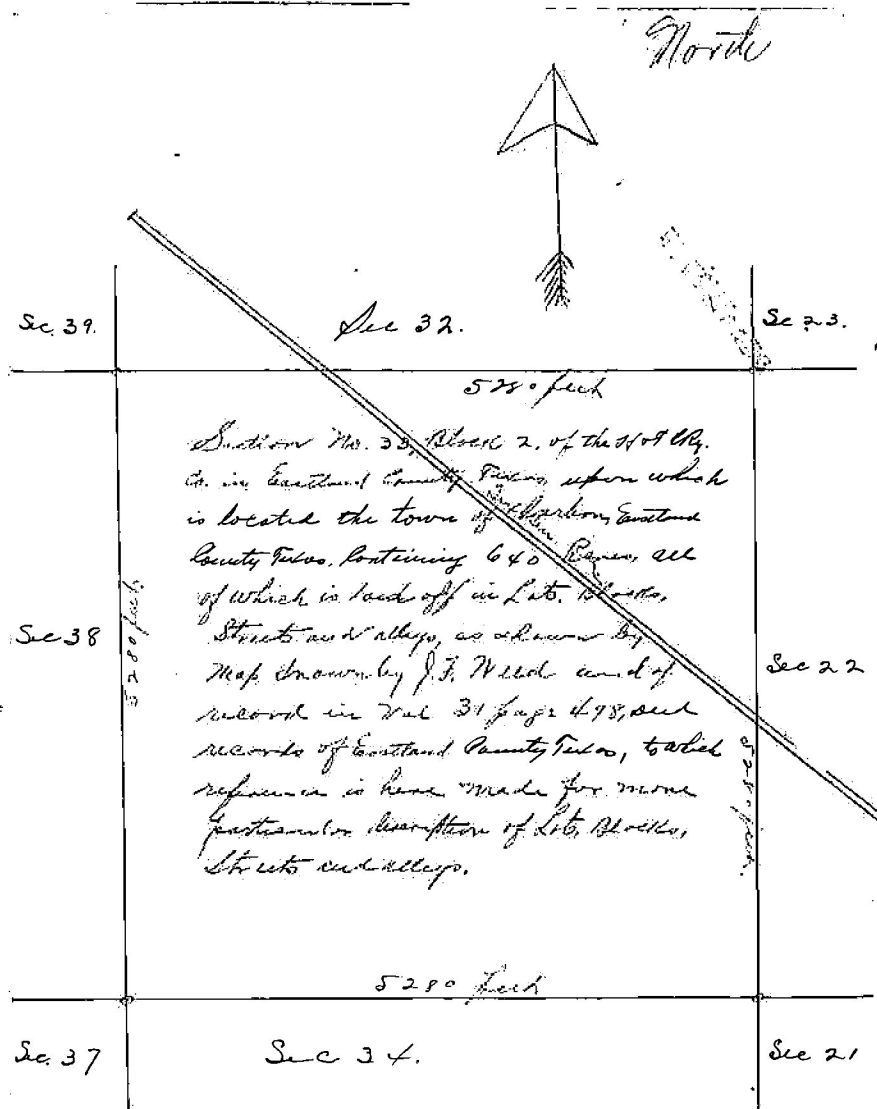
(L.S.)

Chas. S. Spencer, County Judge,
Eastland County Texas.

(See next page for plat above referred to)
J. M. Kille, Clerk.



TRUE AND CORRECT
COPY OF ORIGINAL
FILED IN EASTLAND
COUNTY CLERK'S OFFICE



Filed for record 8th day of May, 1905, 5-P.M.
 Recorded May 19th, 1905, 10-A.M.

By W. H. Hance,
 Deputy.

James Kinsdale
 County Clerk



TRUE AND CORRECT
 COPY OF ORIGINAL
 FILED IN EASTLAND
 COUNTY CLERK'S OFFICE

Enforcement Action Correspondence

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



**IN THE MATTER OF AN
ENFORCEMENT ACTION
CONCERNING
CITY OF CARBON
RN101391985**

**§
§
§
§
§**

**BEFORE THE

TEXAS COMMISSION ON

ENVIRONMENTAL QUALITY**

AGREED ORDER DOCKET NO. 2018-0051-PWS-E

I. JURISDICTION AND STIPULATIONS

On **JUN 26 2018**, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding the City of Carbon (the "Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 341. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent together stipulate that:

1. The Respondent owns and operates a public water supply located at 13102 Highway 6 near Eastland, Eastland County, Texas (the "Facility"). The Facility provides water for human consumption, has approximately 226 service connections, and serves at least 25 people per day for at least 60 days per year. As such, the Facility is a public water system as defined in 30 TEX. ADMIN. CODE § 290.38(71).
2. The Executive Director and the Respondent agree that the TCEQ has jurisdiction to enter this Order pursuant to TEX. WATER CODE § 7.002 and TEX. HEALTH & SAFETY CODE § 341.049, and that the Respondent is subject to TCEQ's jurisdiction. The TCEQ has jurisdiction in this matter pursuant to TEX. WATER CODE § 5.013 and TEX. HEALTH & SAFETY CODE § 341.031 because it alleges violations of TEX. HEALTH & SAFETY CODE ch. 341 and the rules of the TCEQ.
3. The occurrence of any violation is in dispute and the entry of this Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
4. An administrative penalty in the amount of \$1,463 is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent paid \$1,171 of the penalty and \$292 is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Order. The deferred amount shall be waived only upon full compliance with all the terms and conditions contained in this Order. If the Respondent fails to timely and satisfactorily comply with any of the terms or requirements contained in this Order, the Executive Director may demand payment of all or part of the deferred penalty amount.

5. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 TEX. ADMIN. CODE § 70.10(a). Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
6. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Order.
7. This Order represents the complete and fully-integrated agreement of the parties. The provisions of this Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Order unenforceable, the remaining provisions shall be valid and enforceable.
8. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
9. The Executive Director recognizes that the Respondent implemented the following corrective measures at the Facility:
 - a. On May 19, 2017, began operating the Facility under the direct supervision of a water works operator who holds of a Class "D" water license.
 - b. On November 9, 2017, submitted an updated chemical and microbiological monitoring plan which included an approved Drinking Water Lab Approval Form.
 - c. On November 14, 2017:
 - i. Properly calibrated the benchtop pH meters;
 - ii. Verified the accuracy of the colorimeter used for monitoring monochloramine and ammonia;
 - iii. Placed a bottle of ammonia solution outside the chlorinator room at the Hoffman Plant; and
 - iv. Added a lock to the roof hatch for the 30,000-gallon ground storage tank ("GST") located at the Carbon Plant.
 - d. On November 21, 2017, updated the signage for each production facility to include the current operator's contact information.

II. ALLEGATIONS

During a record review conducted on October 24, 2017, an investigator documented that the Respondent:

1. Failed to use a water works operator who holds a Class "D" license or higher, in violation of 30 TEX. ADMIN. CODE § 290.46(e)(3)(A) and TEX. HEALTH & SAFETY CODE § 341.033(a). Specifically, from January 10, 2017 through May 18, 2017 the Facility allowed an unlicensed individual to perform process control activities and did not have a licensed operator.
2. Failed to create a nitrification action plan for all systems distributing chloraminated water, in violation of 30 TEX. ADMIN. CODE § 290.46(z).
3. Failed to inspect the interior surface of the Facility's two pressure tanks, that are equipped with an inspection port once every five years, in violation of 30 TEX. ADMIN. CODE § 290.46(m)(1)(B).
4. Failed to maintain an up-to-date chemical and microbiological monitoring plan that identifies all sampling locations, describes the sampling frequency, and specifies the analytical procedures and laboratories that the Facility will use to comply with the monitoring requirements, in violation of 30 TEX. ADMIN. CODE § 290.121(a) and (b). Specifically, the Drinking Water Lab Approval Form was not submitted as part of the monitoring plan. Additionally, the monitoring plan had outdated operator information and did not identify all sampling sites.
5. Failed to calibrate the Facility's benchtop pH meters daily, in violation of 30 TEX. ADMIN. CODE § 290.46(s)(2)(A).
6. Failed to verify the accuracy of the analyzers used to determine the effectiveness of chloramination at least every 90 days, in violation of 30 TEX. ADMIN. CODE § 290.46(s)(2)(D). Specifically, the colorimeter used for monitoring monochloramine and ammonia was not being verified.
7. Failed to provide a small bottle of fresh ammonia solution (or approved equal) for testing for chlorine leakage which is readily accessible outside the chlorinator room and immediately available to the operator in the event of an emergency, in violation of 30 TEX. ADMIN. CODE § 290.42(e)(4)(A). Specifically, there was no ammonia bottle outside the chlorinator room at the Hoffman Plant.
8. Failed to ensure that the Facility's GST hatch remains locked except during inspections and maintenance, in violation of 30 TEX. ADMIN. CODE § 290.43(c)(2). Specifically, the hatch for the 30,000-gallon GST located at the Carbon Plant did not have a lock.
9. Failed to post a legible sign at the Facility's production, treatment, and storage facilities that contains the name of the Facility and an emergency telephone number where a responsible official can be contacted, in violation of 30 TEX. ADMIN. CODE § 290.46(t). Specifically, the ownership signs contained contact information for the previous operator.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. The Respondent is assessed a penalty as set forth in Section I, Paragraph 4. The payment of this penalty and the Respondent's compliance with all of the requirements set forth in this Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: City of Carbon, Docket No. 2018-0051-PWS-E" to:

Financial Administration Division, Revenue Operations Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088

2. The Respondent shall undertake the following technical requirements:
 - a. Within 30 days after the effective date of this Order:
 - i. Create a nitrification action plan, in accordance with 30 TEX. ADMIN. CODE § 290.46; and
 - ii. Conduct an inspection of the interior surface of the Facility's two pressure tanks, in accordance with 30 TEX. ADMIN. CODE § 290.46.
 - b. Within 45 days after the effective date of this Order, submit written certification, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision Nos. 2.a.i and 2.a.ii. The certification shall be signed by the Respondent and shall include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Water Section Manager
Abilene Regional Office
Texas Commission on Environmental Quality
1977 Industrial Boulevard
Abilene, Texas 79602-7833

3. All relief not expressly granted in this Order is denied.
4. The duties and provisions imposed by this Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Facility operations referenced in this Order.
5. The Executive Director may grant an extension of any deadline in this Order or in any plan, report, or other document submitted pursuant to this Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director. Extension requests shall be sent to the Order Compliance Team at the address listed above.
6. This Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
7. This Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively,

the terms: electronic transmission, owner, person, writing, and written, shall have the meanings assigned to them under TEX. BUS. ORG. CODE § 1.002.

8. The effective date of this Order is the date it is signed by the Commission. A copy of this fully executed Order shall be provided to each of the parties.

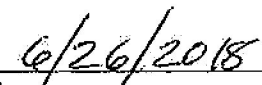
SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission

Date


For the Executive Director


Date 6/26/2018

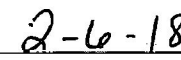
I, the undersigned, have read and understand the attached Order. I am authorized to agree to the attached Order, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

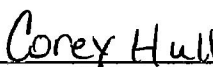
I also understand that failure to comply with the Ordering Provisions, if any, in this Order and/or failure to timely pay the penalty amount, may result in:


- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions; and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.


Signature


Date 2-6-18


Name (Printed or typed)
Authorized Representative of
City of Carbon


Title

☐ If mailing address has changed, please check this box and provide the new address below:

Instructions: Send the original, signed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Ordering Provision 1 of this Order.

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Stephanie Bergeron Perdue, *Interim Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 29, 2018

The Honorable Corey Hull
Mayor of Carbon
P.O. Box 414
Carbon, Texas 76435-0414

Re: TCEQ Enforcement Action
City of Carbon
Docket No. 2018-0051-PWS-E

Dear Mayor Hull:

Enclosed for your records is a fully-executed copy of the Agreed Order for the above-referenced matter.

Please review the enclosed Agreed Order, particularly the "Ordering Provisions" section, to determine if further action will be required of you, such as the completion of technical requirements to achieve compliance. When technical requirements are listed (usually Ordering Provision No. 2 or 3), a deadline will be provided based on a specific number of days after the effective date. The effective date is as stated in the enclosed Agreed Order.

Should you have any questions, please contact Jason Fraley, the Enforcement Coordinator assigned to this matter, at (512) 239-2552.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael Parrish".

Michael Parrish
Enforcement Division

Enclosure

cc: Jason Fraley, Enforcement Division
Water Section Manager, Region 3



0000-0000-0003-1427

Document Control Sheet

Sheet Title:	PWS 14 BP
Box ID:	5285
Control Sheet ID:	0000-0000-0003-1427
Record Series Name:	WS / Public Water Supply
Record Series:	PWS
Primary ID:	0670015
Secondary ID:	
Doc Type:	Compliance
Security:	Public
Date:	10/24/2017
Title:	Investigation
Tertiary ID	

PWS_0670015_CP_20171024_INVESTIGATION
Texas Commission on Environmental Quality
Investigation Report

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

Customer: City of Carbon
Customer Number: CN600660070

Regulated Entity Name: CITY OF CARBON
Regulated Entity Number: RN101391985

Investigation # 1454195

Investigator: SARAH ROBISON

Conducted: 10/24/2017 -- 10/24/2017

Program(s): PUBLIC WATER SYSTEM/SUPPLY

Investigation Type: Compliance Investigation

Additional ID(s): 0670015

Incident Numbers

Site Classification P 51-250 CONNECTION

SIC Code: 4941

Location: 302 North Main, Carbon, 76435 (Eastland County)

Address: 302 N MAIN ST,
CARBON, TX , 76435

Local Unit: REGION 03 - ABILENE

Activity Type(s): PWSCCIGWCM - CCI GW PURCHASE
- COMMUNITY MANDATORY

Principal(s):

Role	Name
RESPONDENT	CITY OF CARBON

Contact(s):

Role	Title	Name	Phone
PARTICIPATED IN	CITY SECRETARY	MS SYLVIA GOSNELL	Cell (254) 631-1920
			Work (254) 639-2002
			Fax (254) 639-2002
NOTIFIED	CITY SECRETARY	MS SYLVIA GOSNELL	Fax (254) 639-2002
			Cell (254) 631-1920
			Work (254) 639-2002
REGULATED ENTITY MAIL CONTACT	MAYOR	HON COREY HULL	Fax (254) 639-2002
			Work (254) 639-2002
REGULATED ENTITY CONTACT	MAYOR	HON COREY HULL	Work (254) 639-2002
			Fax (254) 639-2002
PARTICIPATED IN	WATER OPERATOR	MR CHAD N GOSNELL	Home (254) 631-6777
			Work (254) 631-6777
			Work (254) 639-2002

RECEIVED

FEB 22 2018

TCEQ
CENTRAL FILE ROOM

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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Other Staff Member(s):

Role	Name
QA Reviewer	CLIFFORD MOORE
Supervisor	CLIFFORD MOORE
Investigator	SAMANTHA HARDEN

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
PWS INVESTIGATION - EQUIPMENT	CITY OF CARBON
MONITORING AND SAMPLING revised 06/2013	
PWS STANDARD FIELD	CITY OF CARBON

Investigation Comments:

CITY OF CARBON
EASTLAND COUNTY
PWS ID NO. 0670015
CCN No. N/A

INTRODUCTION

The City of Carbon public water supply system was investigated on October 24, 2017 by Ms. Sarah Robison, TCEQ investigator, to determine compliance with applicable public water supply requirements. Ms. Sylvia Gosnell, City Secretary, was notified of the investigation on September 25, 2017. A Customer Satisfaction Survey was given to Ms. Gosnell at the conclusion of the investigation, and an Exit Interview Form was e-mailed to the facility on October 30, 2017. In order to facilitate compliance with the findings of this investigation, a Notice of Enforcement (NOE) letter was sent to the facility.

CONTACT AND GENERAL FACILITY INFORMATION

SUPERIOR/APPROVED: NO
COMMUNITY: YES

RESPONSIBLE OFFICIAL

Mr. Corey Hull, Mayor
Phone 254-639-2002, City Hall
Fax: 254-639-2002

PHYSICAL ADDRESS

302 S. Main Street
Carbon, Texas 76435

MAILING ADDRESS

P. O. Box 414
Carbon, Texas 76435

Water Superintendent

Mr. Chad Gosnell
Work: 254-639-2002
Cell: 254-631-6777

OPERATORS

Chad N Gosnell Water Operator D W00030008 Exp 06/08/2020

AREA SERVED: City of Carbon and Staff WSC (partial)

SUPPLIER AND SOURCE: City of Eastland/Eastland Co. WSD#1/Lake Leon

NEAREST PWS: Staff WSC, 1/2 mile

TYPE OF I/C: Air Gap

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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WHOLESALE CONTRACTS: Staff WSC

MICROBIOLOGICAL

Samples Required: 1

Samples Submitted: 1

Siting Plan: YES

Raw Samples Required: NO

GENERAL FACILITY AND PROCESS INFORMATION

Treated water is purchased from the City of Eastland through one master meter that supplies 17 direct retail service connections and Pump Station #1. Pump Station #1 (the Hoffman facility) has two ground storage tanks (0.02 MG and 0.016 MG) that operate parallel with one another. The 0.016 MG ground storage tank is only used for emergencies. Gaseous chlorine and liquid ammonium sulfate (LAS) are injected prior to the ground storage tanks. Pump Station #1 also utilizes two service pumps (250 GPM each) and a pressure tank (0.004 MG). Water is discharged to the distribution system and to Pump Station #2. Pump Station #2 (the Carbon facility) is equipped with one ground storage tank (0.030 MG), two service pumps (455 GPM each), and a pressure tank (0.004 MG); which discharge to the distribution system. The City of Carbon also wholesales water to Staff WSC.

CHEMICAL TREATMENT

Disinfection: Chloramines (from purchased source)

Booster Disinfection: Chlorine gas and Liquid Ammonium Sulfate (LAS)

Acceptable Quality: Yes

PURCHASED WATER SOURCE

EP SOURCE CODE NAME CONTRACT AMOUNT

001P0670015A City of Eastland 7.069 MG/Month

WHOLESALE CONTRACTS

NAME CONTRACT AMOUNT

Staff WSC 0.837 MG per month

SYSTEM WATER STORAGE AND PUMP STATION FACILITIES

STORAGE FACILITIES

TYPE CAPACITY MATERIAL - LOCATION

GST 0.020 MG Welded Steel PS #1 (Hoffman Facility)

GST 0.016 MG Welded Steel PS #1

Pressure 0.004 MG Welded Steel PS #1

GST 0.030 MG Welded Steel PS #2 (Carbon Facility)

Pressure 0.004 MG Welded Steel PS #2

Total Elevated Storage: N/A

Total Ground Storage: 0.066MG

Total Pressure Tank Storage: 0.008MG

Total Storage: 0.066MG

SERVICE PUMPS

NO. OUTPUT LOCATION

1 250 GPM PS #1 (Hoffman Facility)

2 250 GPM PS #1

1 455 GPM PS #2 (Carbon Facility)

2 455 GPM PS #2

TOTAL SERVICE PUMP CAPACITY 1410GPM = 2.03MGD

CONNECTIONS AND POPULATION REPORTED DURING SURVEY

POPULATION

Retail Population = 220

Wholesale Population = 273 (91 conn. X 3)

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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CONNECTIONS

Retail = 209conn x 0.5gpm (exception) = 104.5 GPM x 1440 = 0.1505 MGD REQUIRED

Direct = 17conn x 2.0gpm = 34 GPM x 1440 = 0.0490 MGD REQUIRED

Wholesale = 0.837MG/month (contracted) x (12/365) = 0.0275 MGD REQUIRED

PRODUCTION

TOTAL REQUIRED = 0.1505 + 0.0490 + 0.0275 = 0.227MGD/1440 = 157.6GPM

TOTAL PROVIDED = 7.069MG/month x (12/365) = 0.232MGD/1440 = 161GPM

SYSTEM CAPACITIES REQUIRED PROVIDED

1. Production 0.5gpm x 209conn. = 104.5 GPM N/A (see Total)

2. Direct 2.0 GPM x 17conn. = 34 GPM N/A (see Total)

3. Contracts (Staff WSC) 19.1 GPM N/A (see Total)

Total 157.6 GPM 161 GPM

PRESSURE 20 GAL X 209 conn. = 0.0042 MG 0.008 MG

TOTAL STORAGE 200 GAL X 209 conn. = 0.042 MG 0.066 MG

Service Pump (SP) 2.0GPM x 209conn. = 418 GPM 1410 GPM

SP Peaking Factor (0.178MGD/1440)x 1.85GPM = 228.7 GPM 955 GPM (largest out)

85% CAPACITY = N/A (City of Carbon does not have a CCN).

Current Capacity = 157.6GPM/161GPM x 100% = 97.9%

MONTHLY OPERATING REPORT DATA

MAXIMUM DAY 0.178 MGD 08/18/2017

AVERAGE DAY 0.052 MGD 10/01/2016 to 09/30/2017

CHLORINE AND PRESSURE FIELD TESTS

Location Chlorine Pressure

601 S. Main St. 1.4 mg/L total 71 psi

BACKGROUND INFORMATION

Prior Enforcement Action

The last comprehensive compliance investigation was conducted on November 4, 2014. A notice of violation letter was sent to the facility. A record review conducted on October 31, 2016 resulted in enforcement action being taken against the City of Carbon – details can be found under Enforcement Case No. 53594.

Complaints

No complaints have been logged against this facility within the past 5 years.

Agreed/Court Orders

2016-2011-PWS-E

Exception Letters

On March 16, 2010, the City of Carbon was granted an exception to the minimum capacity requirements in §290.45. The exception grants a minimum capacity of 0.5 GPM/connection.

On October 6, 2009, the City of Carbon was granted an exception request for a change in disinfectant to chloramines.

ADDITIONAL INFORMATION

Conclusions and Recommendations

A NOE letter was sent to the facility to facilitate compliance with the findings of this comprehensive compliance investigation.

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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Additional Issues

During the comprehensive compliance investigation conducted on October 24, 2017, it was documented that records had been lost prior to the beginning of 2017 due to the death of the previous water operator. It was also noted that Customer Service Inspections (CSIs) were needed to determine if cross-connections hazards existed within distribution, including at a local meat and game processing facility. It is recommended that the City of Carbon be diligent in keeping records and have an appropriate licensed professional perform the necessary CSIs. An additional note was made that the City of Carbon is working in conjunction with an engineering firm to finalize updated distribution maps to include mains, valves, dead ends, storage tanks, pumps and treatment facilities. Finally, the facility was found to be at 97.9% capacity. It is recommended that the City of Carbon consider increasing the purchase contract with Eastland or apply for an amended alternative capacity requirement.

NOE Date: 12/7/2017

**OUTSTANDING ALLEGED VIOLATION(S)
ASSOCIATED TO A NOTICE OF ENFORCEMENT**

Track Number: 660686

Compliance Due Date: To Be Determined

Violation Start Date: Unknown

30 TAC Chapter 290.46(z)(1)

30 TAC Chapter 290.46(z)(2)

30 TAC Chapter 290.46(z)(3)

30 TAC Chapter 290.46(z)(4)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have a Nitrification Action Plan.

Any water system distributing chloraminated water must create a Nitrification Action Plan (NAP) that contains a system-specific plan for monitoring free ammonia, monochloramine, total chlorine, nitrite, and nitrate levels and contains action levels of the above monitored chemicals where action must be taken and specific corrective actions to be taken if action levels are exceeded. The NAP should be maintained as part of the system's monitoring plan in §290.121 of this title.

During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon had not completed but was in the process of developing their Nitrification Action Plan. It was recommended that the City continue the necessary steps to complete the baseline monitoring and implement the plan.

Recommended Corrective Action: Please submit documentation verifying that the NAP has been created and implemented in accordance with 30 TAC Chapter 290.

Track Number: 660708

Compliance Due Date: To Be Determined

Violation Start Date: Unknown

30 TAC Chapter 290.46(m)(1)

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

Alleged Violation:

Investigation: 1454195

Comment Date: 11/30/2017

Failure to inspect interior of pressure tanks.

CITY OF CARBON - CARBON

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Each of the system's ground, elevated and pressure tanks shall be inspected annually by water system personnel or a contracted inspection service. Pressure tank inspections must determine that the pressure release device and pressure gauge are working properly, the air-water ratio is being maintained at the proper level, the exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in watertight condition. Pressure tanks provided with an inspection port must have the interior surface inspected every five years.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon had incorrectly recorded results of the pressure tank inspections on the same form as the ground storage tanks. The City of Carbon submitted copies of separate inspection forms for the pressure tanks via e-mail on November 7, 2017. Those forms indicated that an interior inspection was due (the last was performed in October of 2012) and would be performed during the month of November.

Recommended Corrective Action: Please submit documentation confirming that the City of Carbon has performed inspections on the interior of the pressure tanks in accordance with 30 TAC 290.

ALLEGED VIOLATION(S) NOTED AND RESOLVED

ASSOCIATED TO A NOTICE OF ENFORCEMENT

Track Number: 660689

Resolution Status Date: 12/7/2017

Violation Start Date: Unknown

Violation End Date: 9/22/2017

30 TAC Chapter 290.46(e)(3)(A)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to use a licensed operator to perform regulated activities for the City of Carbon Public Water Supply System.

Purchased water systems serving no more than 250 connections must use an operator who holds a Class "D" or higher license.

During the comprehensive compliance investigation conducted on October 24, 2017, it was discovered that, for a period of time between December 15, 2016 through September 15, 2017, the City of Carbon was allowing an unlicensed individual to perform duties that should only be performed by a licensed operator.

Recommended Corrective Action: It is required that no one other than a licensed operator perform regulated activities for the City of Carbon PWS in accordance with 30 TAC 290.

Resolution: The Abilene Regional Office received documentation on October 27, 2017 verifying that the City of Carbon had resumed using a licensed operator to perform regulated duties as of September 22, 2017, in accordance with 30 TAC 290.

Track Number: 660691

Resolution Status Date: 12/7/2017

Violation Start Date: Unknown

Violation End Date: 11/9/2017

30 TAC Chapter 290.119(a)(2)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have a laboratory approval form.

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

Page 7 of 11

Samples used to determine compliance with the treatment technique requirements and maximum residual disinfectant levels (MRDLs) of this subchapter must be analyzed by a laboratory approved by the executive director.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have a lab approval form filled out for analyses performed by the operator, such as chlorine residual and pH monitoring.

Recommended Corrective Action: It is recommended that the City of Carbon fill out TCEQ form 10450 for analyses performed by the operator.

Resolution: The Abilene Regional Office received a lab approval form via e-mail on November 9, 2017 indicating the analyses performed by the operator in accordance with 30 TAC 290.

Track Number: 660692

Resolution Status Date: 11/30/2017

Violation Start Date: Unknown

Violation End Date: 11/14/2017

30 TAC Chapter 290.46(s)(2)(A)

30 TAC Chapter 290.46(s)(2)(D)

Alleged Violation:

Investigation: 1454195

Comment Date: 11/27/2017

Failure to calibrate or verify monitoring equipment.

pH meters shall be properly calibrated. Analyzers used to determine the effectiveness of chloramination in §290.110(c)(5) of this title shall be properly verified in accordance with the manufacturer's recommendations every 90 days. These analyzers include monochloramine, ammonia, nitrite, and nitrate equipment used by the public water system.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the HACH colorimeter used for monitoring monochloramine and ammonia was not being verified and that the pH meter was not being calibrated.

Recommended Corrective Action: It is recommended that the City of Carbon obtain secondary standards for monochloramine/free ammonia to verify the colorimeter and pH buffers to calibrate the pH meter and keep logs of verification/calibration activity.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that secondary standards and buffers had been obtained and that verification/calibration activity is being recorded in accordance with 30 TAC 290.

Track Number: 660695

Resolution Status Date: 12/7/2017

Violation Start Date: Unknown

Violation End Date: 11/14/2017

30 TAC Chapter 290.42(e)(4)(A)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have an ammonia test bottle.

When chlorine gas is used, a small bottle of fresh ammonia solution (or approved equal) for testing for chlorine

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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leakage shall be readily accessible outside the chlorinator room and immediately available to the operator in the event of an emergency.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have an ammonia test bottle for the gas chlorine housed at the Hoffman Plant.

Recommended Corrective Action: It is necessary for the City of Carbon to obtain an ammonia solution test bottle to be used to test for possible chlorine leaks.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that the City of Carbon had obtained an ammonia test bottle in accordance with 30 TAC 290.

Track Number: 660701

Resolution Status Date: 11/30/2017

Violation Start Date: Unknown

Violation End Date: 11/14/2017

30 TAC Chapter 290.43(c)(2)

Alleged Violation:

Investigation: 1454195

Comment Date: 11/27/2017

Failure to have a lock on the roof hatch of a public water storage tank.

All hatches shall remain locked except during inspections and maintenance.

During the comprehensive compliance investigation conducted on October 24, 2017, it was recorded that there was no lock on the roof hatch of the 30,000 gallon ground storage tank at the Carbon plant location.

Recommended Corrective Action: It is required for the City of Carbon to ensure that all roof hatches on public water storage tanks remain secured by locks.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that a lock had been added to the roof hatch of the 30,000 gallon ground storage tank indicated above in accordance with 30 TAC 290.

Track Number: 660703

Resolution Status Date: 11/30/2017

Violation Start Date: Unknown

Violation End Date: 11/21/2017

30 TAC Chapter 290.46(t)

Alleged Violation:

Investigation: 1454195

Comment Date: 11/27/2017

Failure to maintain ownership signage.

All community water systems shall post a legible sign at each of its production, treatment and storage facilities. The sign shall be located in plain view of the public and shall provide the name of the water supply and a valid emergency telephone number where a responsible official can be contacted.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the emergency contact information on the ownership signage was that of the deceased operator and needed to be updated.

Recommended Corrective Action: It is recommended that the City of Carbon replace ownership signage to reflect current emergency contact information.

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 21, 2017 verifying that new ownership signage had been obtained in accordance with 30 TAC Chapter 290.

Track Number: 660706

Resolution Status Date: 12/7/2017

Violation Start Date: Unknown

Violation End Date: 11/9/2017

30 TAC Chapter 290.121(a)
30 TAC Chapter 290.121(b)
30 TAC Chapter 290.121(b)(1)
30 TAC Chapter 290.121(b)(1)(C)
30 TAC Chapter 290.121(b)(1)(C)(i)
30 TAC Chapter 290.121(b)(1)(C)(ii)
30 TAC Chapter 290.121(b)(1)(C)(iii)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have an adequate monitoring plan.

All public water systems shall maintain an up-to-date chemical and microbiological monitoring plan. The monitoring plan shall identify all sampling locations, describe the sampling frequency and specify the analytical procedures and laboratories that the public water system will use to comply with the monitoring requirements of this subchapter. The monitoring plan shall include information on the location of all required sampling points in the system. Required sampling locations for regulated chemicals are provided in §290.106 of this title (relating to Inorganic Contaminants), §290.107 of this title (relating to Organic Contaminants), §290.108 of this title (relating to Radionuclides Other than Radon), §290.109 of this title (relating to Microbial Contaminants), §290.110 of this title (relating to Disinfectant Residuals), §290.113 of this title (relating to Stage 1 Disinfection Byproducts (TTHM and HAA5)), §290.117 of this title relating to regulation of Lead and Copper, and §290.118 of this title relating to Secondary Constituent Levels). The address of each sampling site in the distribution system shall be included in the monitoring plan or the location of each distribution system sampling site shall be designated on a distribution system schematic. The distribution system schematic shall clearly indicate the location of all pump stations, the location of all ground and elevated storage tanks, and the location of all chemical feed points in the distribution system.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon's Monitoring Plan listed outdated operator information and did not identify all regulated sampling locations either in a list or schematic.

Recommended Corrective Action: It is recommended that the City of Carbon submit an updated monitoring plan including all required sampling locations clearly indicated on a distribution schematic.

Resolution: The Abilene Regional Office received documentation via e-mail on November 9, 2017 verifying that the City of Carbon had corrected the operator's information and had created schematics of sampling locations in their monitoring plan in accordance with 30 TAC 290.

Additional Issues

Description Item 2

Additional Comments

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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During the comprehensive compliance investigation on October 24, 2017, it was documented that the City of Carbon has a water purchase agreement with the City of Eastland that provides 7.069MG monthly or 161GPM. The City of Carbon was granted a minimum alternative capacity requirement (ACR) of 0.5gpm/connection for its 209 retail connections (104.5GPM required); they have 17 direct connections at 2.0gpm/conn (34 GPM required), and a wholesale contract with Staff WSC to provide 0.837MG monthly (19.1GPM required). The sum of the above required capacities comes to 157.6GPM, which is approaching the 161GPM provided by the purchase contract. The system is currently at 97.9% capacity.

It is recommended that the City of Carbon consider increasing the purchase contract with Eastland or apply for an amended alternative capacity requirement.

Description Item 11

Additional Comments

During the comprehensive compliance investigation on October 24, 2017, it was discovered that the previous operator had passed away and did not leave behind any records of operation from his tenure. The new operator has been keeping records, and it is recommended that the city be diligent in maintaining records of operations in accordance with standards outlined in §290.46(f) for future investigations.

Description Item 12

Additional Comments

During the comprehensive compliance investigation on October 24, 2017, it was reported that the City of Carbon was working with an engineering firm to finalize an updated map of the distribution to include mains, valves, dead ends, storage tanks, pumps and treatment facilities. It is recommended that the City continue work to finalize this map and notify the Abilene Regional Office once it has been completed in accordance with standards outlined in §290.46(n) (2).

Description Item 13

Additional Comments

During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon did not have a record of Customer Service Inspections (CSIs) and that it was likely due to the loss of records along with the previous operator. It is recommended that the City of Carbon have an appropriately licensed person conduct CSIs as deemed necessary and keep records of the results of those inspections in accordance with standards outlined in §290.46(j).

The City of Carbon submitted a copy of a CSI performed at the Carbon Ag and Outdoor Deer Processing via e-mail to the Abilene Regional Office on November 21, 2017. The form advised that backflow devices were needed on the hose bibs. Photographic evidence of a vacuum breaker installed on a hose bib was received in the Abilene Regional Office via e-mail on November 28, 2017.

Signed


Environmental Investigator

Date

12/7/2017

Signed


Supervisor

Date

12/7/2017

CITY OF CARBON - CARBON

10/24/2017 Inv. # - 1454195

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Attachments: (in order of final report submittal)

☒ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type) : None

Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ Notice of Registration

☒ Maps, Plans, Sketches

☐ Photographs

☒ Correspondence from the facility

☒ Other (specify) :

Water Operator License Info

California Sample Chains of Custody

- PWS APP

- DWH

See note: Who Fills out the EAR? u

Enforcement Action Referral Rev. 3/18/2002	Inv. #	1454195	Initiated by: Region, LP, Central:	Region
	Enf Case		Name of Initiating Office:	REGION 03 - ABILENE
	Media Code:	PWS		

Section 1: Respondent

ID	CN600660070		Role	RESP PARTY
Name	CITY OF CARBON			
Mailing Address	Street/PO Box	PO BOX 414		
	City/State/Zip	CARBON, TX 76435		
	Phone	(254) 639-2002	Fax	(254) 639-2002

Primary Contact (NOE Contact)			
Name	COREY HULL	Organization	CITY OF CARBON
Title	Mayor	Phone	(254) 639-2002
		Fax	(254) 639-2002

Section 2: Respondent's Facility/Operation (F/O)

F/O ID	RN101391985		
F/O Name	CITY OF CARBON		
F/O Physical Address	302 N MAIN ST		
Location City	CARBON	Location Zip	76435
Location County	EASTLAND	Operational Status	Active
Primary Business Activity	Public Water Supply	Type of Small Entity	City
SNC or HPV?	N/A	SIC Code	4941
Potentially Affected Area	Customers of City of Carbon Public Water Supply.	Complaints Closed	0
List any NOV's? Orders for same or similar violations at this F/O in the past 5 years.	NOV 12/08/2014		
Additional IDs	0670015		

Section 3: Summary of Violations

See note: Inclusion of Resolved or Verbal Violations u

Viol Num	Requirements Cited Violation Description	Violation Dates		Investigation/ File Review	Date of...		CAT
		Start	End		NOV	NOE	
660686	30 TAC Chapter 290.46(z)(1)	Unknown	Unknown	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.46(z)(2)	Unknown	Unknown	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.46(z)(3)	Unknown	Unknown	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.46(z)(4)	Unknown	Unknown	10/24/2017		12/07/2017	C
Failure to have a Nitrification Action Plan.							
660689	30 TAC Chapter 290.46(e)(3)(A)	Unknown	09/22/2017	10/24/2017		12/07/2017	A
Failure to use a licensed operator to perform regulated activities for the City of Carbon Public Water Supply System.							
660691	30 TAC Chapter 290.119(a)(2)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
Failure to have a laboratory approval form.							
660692	30 TAC Chapter 290.46(s)(2)(A)	Unknown	11/14/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.46(s)(2)(D)	Unknown	11/14/2017	10/24/2017		12/07/2017	C
Failure to calibrate or verify monitoring equipment.							
660695	30 TAC Chapter 290.42(e)(4)(A)	Unknown	11/14/2017	10/24/2017		12/07/2017	C
Failure to have an ammonia test bottle.							
660701	30 TAC Chapter 290.43(c)(2)	Unknown	11/14/2017	10/24/2017		12/07/2017	C
Failure to have a lock on the roof hatch of a public water storage tank.							
660703	30 TAC Chapter 290.46(t)	Unknown	11/21/2017	10/24/2017		12/07/2017	C
Failure to maintain ownership signage.							
660706	30 TAC Chapter 290.121(a)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)(1)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)(1)(C)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)(1)(C)(i)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)(1)(C)(ii)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.121(b)(1)(C)(iii)	Unknown	11/09/2017	10/24/2017		12/07/2017	C
	Failure to have an adequate monitoring plan.						
660708	30 TAC Chapter 290.46(m)(1)	Unknown	Unknown	10/24/2017		12/07/2017	C
	30 TAC Chapter 290.46(m)(1)(B)	Unknown	Unknown	10/24/2017		12/07/2017	C
Failure to inspect interior of pressure tanks.							

Section 4: Additional Discussion

Section 5: Additional Issues

Item 2

During the comprehensive compliance investigation on October 24, 2017, it was documented that the City of Carbon has a water purchase agreement with the City of Eastland that provides 7.069MG monthly or 161GPM. The City of Carbon was granted a minimum alternative capacity requirement (ACR) of 0.5gpm/connection for its 209 retail connections (104.5GPM required); they have 17 direct connections at 2.0gpm/conn (34 GPM required), and a wholesale contract with Staff WSC to provide 0.837MG monthly (19.1GPM required). The sum of the above required capacities comes to 157.6GPM, which is approaching the 161GPM provided by the purchase contract. The system is currently at 97.9% capacity. It is recommended that the City of Carbon consider increasing the

purchase contract with Eastland or apply for an amended alternative capacity requirement.

Item 11

During the comprehensive compliance investigation on October 24, 2017, it was discovered that the previous operator had passed away and did not leave behind any records of operation from his tenure. The new operator has been keeping records, and it is recommended that the city be diligent in maintaining records of operations in accordance with standards outlined in §290.46(f) for future investigations.

Item 12


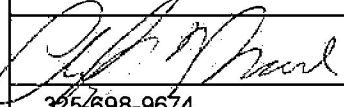
During the comprehensive compliance investigation on October 24, 2017, it was reported that the City of Carbon was working with an engineering firm to finalize an updated map of the distribution to include mains, valves, dead ends, storage tanks, pumps and treatment facilities. It is recommended that the City continue work to finalize this map and notify the Abilene Regional Office once it has been completed in accordance with standards outlined in §290.46(n)(2).

Item 13

During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon did not have a record of Customer Service Inspections (CSIs) and that it was likely due to the loss of records along with the previous operator. It is recommended that the City of Carbon have an appropriately licensed person conduct CSIs as deemed necessary and keep records of the results of those inspections in accordance with standards outlined in §290.46(j).

The City of Carbon submitted a copy of a CSI performed at the Carbon Ag and Outdoor Deer Processing via e-mail to the Abilene Regional Office on November 21, 2017. The form advised that backflow devices were needed on the hose bibs. Photographic evidence of a vacuum breaker installed on a hose bib was received in the Abilene Regional Office via e-mail on November 28, 2017.

Section 6: Information About Initiating Office

	Name	Sarah Robison	Date	12-7-2017
	Signature		E-Mail	Sarah.Robison@tceq.texas.gov
	Phone	325/698-6104		
	Name	Clifford Moore	Date	12/7/2017
	Signature		E-Mail	Clifford.Moore@tceq.texas.gov
	Phone	325/698-9674		

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 7, 2017

**CERTIFIED MAIL (7015 0640 0004 8779 1807)
RETURN RECEIPT REQUESTED**

The Honorable Corey Hull, Mayor
City of Carbon
PO Box 414
Carbon, Texas 76435-0414

Re: Notice of Enforcement for Compliance Evaluation Investigation at:
City of Carbon, 302 S. Main Street, Carbon (Eastland County), Texas
RN101391985, TCEQ PWS ID: 0670015, Investigation No. 1454195

Dear Mayor Hull:

On October 24, 2017, Ms. Sarah Robison and Ms. Samantha Harden of the Texas Commission on Environmental Quality (TCEQ) Abilene Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for public water supply. During this investigation, certain outstanding alleged violations were documented. Enclosed is a summary which lists the investigation findings and recommended corrective actions. Additional recommended corrective actions may be provided by the Enforcement Division.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <http://www.tceq.texas.gov> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Abilene Regional Office at (325) 698-9674 or the Central Office Publications Ordering Team at (512) 239-0028.

Also, please be advised that the Legislature has granted enforcement powers to the TCEQ to carry out its mission to protect human health and the environment. Due to the apparent seriousness of the alleged violation(s), formal enforcement action has been initiated, and additional violations may be cited upon further review. We encourage you to immediately begin taking actions to address the outstanding alleged violation(s).

In responding with prompt corrective action, the administrative penalty to be assessed may be limited.

The Commission recognizes that the great majority of the regulated community wants to prevent pollution and to comply with environmental laws. We dedicate considerable resources

The Honorable Corey Hull
Page 2
December 7, 2017

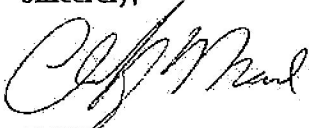
toward making voluntary compliance achievable. But where compliance has not been met it is our duty to protect the public and the environment by enforcing the state's environmental laws, regulations, and permits.

Also, if you believe the violations documented in this notice have been cited in error, and you have additional information that we are unaware of, you may request a meeting to discuss this enforcement matter. To request a meeting, send a letter describing the additional information to the address shown below.

Manager, Drinking Water Section
Enforcement Division, MC 219
Re: Enforcement Meeting Request
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

If you or members of your staff have any questions, please feel free to contact Ms. Sarah Robison in the Abilene Regional Office at (325) 698-9674.

Sincerely,



Cliff Moore
Water Section Work Leader
Abilene Region Office

CM/SR/mm

Enclosure: Summary of Investigation Findings

Summary of Investigation Findings

CITY OF CARBON

302 N MAIN ST

CARBON, EASTLAND COUNTY, TX 76435

Investigation #

1454195

Investigation Date: 10/24/2017

Additional ID(s): 0670015

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

Track No: 660686

Compliance Due Date: To Be Determined

30 TAC Chapter 290.46(z)(1)

30 TAC Chapter 290.46(z)(2)

30 TAC Chapter 290.46(z)(3)

30 TAC Chapter 290.46(z)(4)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have a Nitrification Action Plan.

Any water system distributing chloraminated water must create a Nitrification Action Plan (NAP) that contains a system-specific plan for monitoring free ammonia, monochloramine, total chlorine, nitrite, and nitrate levels and contains action levels of the above monitored chemicals where action must be taken and specific corrective actions to be taken if action levels are exceeded. The NAP should be maintained as part of the system's monitoring plan in §290.121 of this title.

During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon had not completed but was in the process of developing their Nitrification Action Plan. It was recommended that the City continue the necessary steps to complete the baseline monitoring and implement the plan.

Recommended Corrective Action: Please submit documentation verifying that the NAP has been created and implemented in accordance with 30 TAC Chapter 290.

Track No: 660708

Compliance Due Date: To Be Determined

30 TAC Chapter 290.46(m)(1)

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

Alleged Violation:

Investigation: 1454195

Comment Date: 11/30/2017

Failure to inspect interior of pressure tanks.

Each of the system's ground, elevated and pressure tanks shall be inspected annually by water system personnel or a contracted inspection service. Pressure tank inspections must determine that the pressure release device and pressure gauge are working properly, the air-water ratio is being maintained at the proper level, the exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in watertight condition. Pressure tanks provided with an inspection port must have the interior surface inspected every five years.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon had incorrectly recorded results of the pressure tank inspections on the same form as the ground storage tanks. The City of Carbon submitted copies of separate inspection forms for the pressure tanks via e-mail on November 7, 2017. Those forms indicated that an interior inspection was due (the last was performed in October of 2012) and would be performed during the month of November.

Recommended Corrective Action: Please submit documentation confirming that the City of Carbon has performed inspections on the interior of the pressure tanks in accordance with 30 TAC 290.

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

Track No: 660689

30 TAC Chapter 290.46(e)(3)(A)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to use a licensed operator to perform regulated activities for the City of Carbon Public Water Supply System.

Purchased water systems serving no more than 250 connections must use an operator who holds a Class "D" or higher license.

During the comprehensive compliance investigation conducted on October 24, 2017, it was discovered that, for a period of time between December 15, 2016 through September 15, 2017, the City of Carbon was allowing an unlicensed individual to perform duties that should only be performed by a licensed operator.

Recommended Corrective Action: It is required that no one other than a licensed operator perform regulated activities for the City of Carbon PWS in accordance with 30 TAC 290.

Resolution: The Abilene Regional Office received documentation on October 27, 2017 verifying that the City of Carbon had resumed using a licensed operator to perform regulated duties as of September 22, 2017, in accordance with 30 TAC 290.

Track No: 660691

30 TAC Chapter 290.119(a)(2)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have a laboratory approval form.

Samples used to determine compliance with the treatment technique requirements and maximum residual disinfectant levels (MRDLs) of this subchapter must be analyzed by a laboratory approved by the executive director.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have a lab approval form filled out for analyses performed by the operator, such as chlorine residual and pH monitoring.

Recommended Corrective Action: It is recommended that the City of Carbon fill out TCEQ form 10450 for analyses performed by the operator.

Resolution: The Abilene Regional Office received a lab approval form via e-mail on November 9, 2017 indicating the analyses performed by the operator in accordance with 30 TAC 290.

Track No: 660692

30 TAC Chapter 290.46(s)(2)(A)

30 TAC Chapter 290.46(s)(2)(D)

Alleged Violation:

Investigation: 1454195

Comment Date: 11/27/2017

Failure to calibrate or verify monitoring equipment.

pH meters shall be properly calibrated. Analyzers used to determine the effectiveness of

chloramination in §290.110(c)(5) of this title shall be properly verified in accordance with the manufacturer's recommendations every 90 days. These analyzers include monochloramine, ammonia, nitrite, and nitrate equipment used by the public water system.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the HACH colorimeter used for monitoring monochloramine and ammonia was not being verified and that the pH meter was not being calibrated.

Recommended Corrective Action: It is recommended that the City of Carbon obtain secondary standards for monochloramine/free ammonia to verify the colorimeter and pH buffers to calibrate the pH meter and keep logs of verification/calibration activity.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that secondary standards and buffers had been obtained and that verification/calibration activity is being recorded in accordance with 30 TAC 290.

Track No: 660695

30 TAC Chapter 290.42(e)(4)(A)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have an ammonia test bottle.

When chlorine gas is used, a small bottle of fresh ammonia solution (or approved equal) for testing for chlorine leakage shall be readily accessible outside the chlorinator room and immediately available to the operator in the event of an emergency.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have an ammonia test bottle for the gas chlorine housed at the Hoffman Plant.

Recommended Corrective Action: It is necessary for the City of Carbon to obtain an ammonia solution test bottle to be used to test for possible chlorine leaks.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that the City of Carbon had obtained an ammonia test bottle in accordance with 30 TAC 290.

Track No: 660701

30 TAC Chapter 290.43(c)(2)

Alleged Violation:

Investigation: 1454195

Comment Date: 11/27/2017

Failure to have a lock on the roof hatch of a public water storage tank.

All hatches shall remain locked except during inspections and maintenance.

During the comprehensive compliance investigation conducted on October 24, 2017, it was recorded that there was no lock on the roof hatch of the 30,000 gallon ground storage tank at the Carbon plant location.

Recommended Corrective Action: It is required for the City of Carbon to ensure that all roof hatches on public water storage tanks remain secured by locks.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that a lock had been added to the roof hatch of the 30,000 gallon ground storage tank indicated above in accordance with 30 TAC 290.

Track No: 660703

30 TAC Chapter 290.46(t)

Alleged Violation:

Failure to maintain ownership signage.

All community water systems shall post a legible sign at each of its production, treatment and storage facilities. The sign shall be located in plain view of the public and shall provide the name of the water supply and a valid emergency telephone number where a responsible official can be contacted.

During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the emergency contact information on the ownership signage was that of the deceased operator and needed to be updated.

Recommended Corrective Action: It is recommended that the City of Carbon replace ownership signage to reflect current emergency contact information.

Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 21, 2017 verifying that new ownership signage had been obtained in accordance with 30 TAC Chapter 290.

Track No: 660706

30 TAC Chapter 290.121(a)

30 TAC Chapter 290.121(b)

30 TAC Chapter 290.121(b)(1)

30 TAC Chapter 290.121(b)(1)(C)

30 TAC Chapter 290.121(b)(1)(C)(i)

30 TAC Chapter 290.121(b)(1)(C)(ii)

30 TAC Chapter 290.121(b)(1)(C)(iii)

Alleged Violation:

Investigation: 1454195

Comment Date: 12/07/2017

Failure to have an adequate monitoring plan.

All public water systems shall maintain an up-to-date chemical and microbiological monitoring plan. The monitoring plan shall identify all sampling locations, describe the sampling frequency and specify the analytical procedures and laboratories that the public water system will use to comply with the monitoring requirements of this subchapter. The monitoring plan shall include information on the location of all required sampling points in the system. Required sampling locations for regulated chemicals are provided in §290.106 of this title (relating to Inorganic Contaminants), §290.107 of this title (relating to Organic Contaminants), §290.108 of this title (relating to Radionuclides Other than Radon), §290.109 of this title (relating to Microbial Contaminants), §290.110 of this title (relating to Disinfectant Residuals), §290.113 of this title (relating to Stage 1 Disinfection Byproducts (TTHM and HAA5)), §290.117 of this title relating to regulation of Lead and Copper, and §290.118 of this title relating to Secondary Constituent Levels). The address of each sampling site in the distribution system shall be included in the monitoring plan or the location of each distribution system sampling site shall be designated on a distribution system schematic. The distribution system schematic shall clearly indicate the location of all pump stations, the location of all ground and elevated storage tanks, and the location of all chemical feed points in the distribution system.

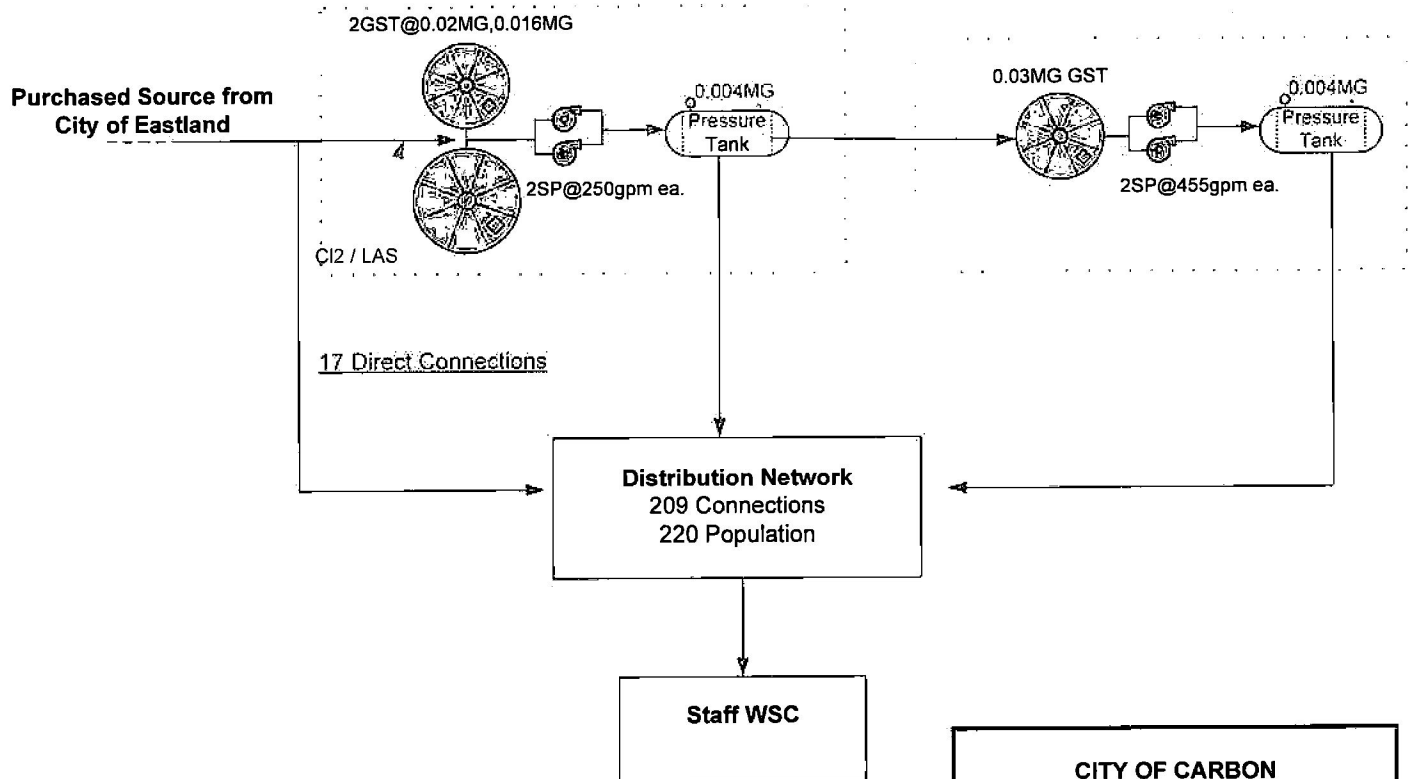
During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon's Monitoring Plan listed outdated operator information and did not identify all regulated sampling locations either in a list or schematic.

Recommended Corrective Action: It is recommended that the City of Carbon submit an updated monitoring plan including all required sampling locations clearly indicated on a distribution schematic.

Resolution: The Abilene Regional Office received documentation via e-mail on November 9, 2017 verifying that the City of Carbon had corrected the operator's information and had created schematics of sampling locations in their monitoring plan in accordance with 30 TAC 290.

ADDITIONAL ISSUES

Description	Additional Comments
Item 2	<p>During the comprehensive compliance investigation on October 24, 2017, it was documented that the City of Carbon has a water purchase agreement with the City of Eastland that provides 7.069MG monthly or 161GPM. The City of Carbon was granted a minimum alternative capacity requirement (ACR) of 0.5gpm/connection for its 209 retail connections (104.5GPM required); they have 17 direct connections at 2.0gpm/conn (34 GPM required), and a wholesale contract with Staff WSC to provide 0.837MG monthly (19.1GPM required). The sum of the above required capacities comes to 157.6GPM, which is approaching the 161GPM provided by the purchase contract. The system is currently at 97.9% capacity.</p> <p>It is recommended that the City of Carbon consider increasing the purchase contract with Eastland or apply for an amended alternative capacity requirement.</p>
Item 11	<p>During the comprehensive compliance investigation on October 24, 2017, it was discovered that the previous operator had passed away and did not leave behind any records of operation from his tenure. The new operator has been keeping records, and it is recommended that the city be diligent in maintaining records of operations in accordance with standards outlined in §290.46(f) for future investigations.</p>
Item 12	<p>During the comprehensive compliance investigation on October 24, 2017, it was reported that the City of Carbon was working with an engineering firm to finalize an updated map of the distribution to include mains, valves, dead ends, storage tanks, pumps and treatment facilities. It is recommended that the City continue work to finalize this map and notify the Abilene Regional Office once it has been completed in accordance with standards outlined in §290.46(n)(2).</p>
Item 13	<p>During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon did not have a record of Customer Service Inspections (CSIs) and that it was likely due to the loss of records along with the previous operator. It is recommended that the City of Carbon have an appropriately licensed person conduct CSIs as deemed necessary and keep records of the results of those inspections in accordance with standards outlined in §290.46(j).</p> <p>The City of Carbon submitted a copy of a CSI performed at the Carbon Ag and Outdoor Deer Processing via e-mail to the Abilene Regional Office on November 21, 2017. The form advised that backflow devices were needed on the hose bibs. Photographic evidence of a vacuum breaker installed on a hose bib was received in the Abilene Regional Office via e-mail on November 28, 2017.</p>



CITY OF CARBON
TCEQ ID No. 0670015
INVESTIGATION DATE: 10/24/2017
INVESTIGATOR: SARAH ROBISON

<u>Texas Commission on Environmental Quality</u>	<u>Office of Water</u>	<u>Public Drinking Water Section</u>
<u>County Map of TX</u>	<u>Water System Search</u>	<u>Office of Compliance and Enforcement</u>

09/25/2017
08:09:16

Texas Commission on Environmental Quality
DWW Water System Summary Sheet

PWS ID	PWS Name	Central Registry RN
TX0670015	CITY OF CARBON	RN101391985

Organization/Customer *	Central Registry CN
CITY OF CARBON	CN600660070

*Regulatory mail will be addressed to this organization/person

All Water System Contacts			
Type	Contact	Communication	
AC - Administrative Contact - MAYOR	HULL, COREY PO BOX 414 CARBON, TX 76435-0414	Phone Type	Value
		BUS - Business	254-639-2002
EC - Emergency Contact - CITY SECRETARY	GOSNELL, SYLVIA, N PO BOX 414 CARBON, TX 76435-0414	Electronic Type	Value
		Phone Type	Value
		BUS - Business	254-639-2002
		MOB - Mobile	254-631-1920
ECS - Emergency Contact - Secondary	GOSNELL, CHAD PO BOX 414 CARBON, TX 76435-0414	Electronic Type	Value
		Phone Type	Value
		BUS - Business	254-639-2002
		MOB - Mobile	254-631-6777
FC - Financial Contact - CITY SECRETARY	GOSNELL, SYLVIA, N PO BOX 414 CARBON, TX 76435-0414	Electronic Type	Value
		Phone Type	Value
		BUS - Business	254-639-2002
		MOB - Mobile	254-631-1920
OW - Owner	CITY OF CARBON 302 N MAIN ST CARBON, TX 76435-3042		

Operator Grade	Number
WATER DISTRIBUTION OPERATOR Grade C	1

Water Operator Licenses		
License Holder:	WHITE, CHARLES H	
CURRENT	Class: C - WATER DISTRIBUTION OPERATOR	WD0002420

Gusnell, Chad N WaterD WD00030048

Owner Type	Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN,
Municipality	PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION

System Type	System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY,
C - Community	NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY

Population Type	Population Served	# of Connect	# I/C w/other PWS
Wholesale	237 273	79 91	2
Residential	272 220	203 226	0
Total	509 493	282 317	0

Total Product (MGD)	Average Daily Consump.	Max Daily Demand (MGD)	Total Storage (MG)	Elev. Storage (MG)	Service Pump Cap.	Max. Purchase Cap. (MGD/GPM)	Pressure Tank Cap. (MG)
N/A	0.052	0.178	0.066	0	1410 GPM	0.232 / 16 / 6 PM	0.008

Activity Status	Inactivation Date
A - ACTIVE	

Last Survey Date	Surveyor	Survey Type	Region	County
11/04/2014	JENNIFER, R MEADOR	Sanitary Survey	ABILENE	EASTLAND
11/08/2011	MANDY, LEE ELLIFRITZ	Sanitary Survey	ABILENE	EASTLAND
04/21/2009	LINDA, C FIELDS	Sanitary Survey	ABILENE	EASTLAND

(Treatment Plant)

No Active Treatment Plant

(Entry Point)							
Distribution Point	Sample Point Name/Source Summation (Activity Status)	Entry Point Name (Activity Status)	Entry Point Num	Chemical Mon Type	Chem Sample Point	Distribution Mon Type	Dist Sample Point
DS01	TRT-TAP / Purchased Surface Water (A)	13102 HWY 6, EASTLAND (A)	EP001		NO		NO

(Active Sources)				
Source Number	Source Name (Activity Status)	Operational Status	Source Type	Seller
P0670015A	SW FROM THE CITY OF EASTLAND (A)	P	P	TX0670002

Code Explanations
Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER
Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,
Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL
Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE

- End of Report -

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

PUBLIC WATER SYSTEM DATA

Name of System:	CITY OF CARBON		
CCN Number:		PWS ID:	670015
Classification:	Not Applicable	Type:	Community
Region Number:	3		
Interconnect with Other PWS:	Yes	Name of PWS I/C:	City of Eastland
Type I/C:	Purchased		
Retail Service Connections:	226	Retail Meters:	226
Retail Population:	220		
Wholesale Master Meters:	2	Wholesale Service Connections:	91
Wholesale Population:	273		
Total Well Capacity:	GPM MGD		
Raw Capacity:	GPM MGD		
Total Elevated Storage:	MG	Total Storage Capacity:	0.066 MG
Pressure Tank Capacity:	0.008		
Maximum Daily Usage:	0.178 MGD	Date:	08/18/2017
Average Daily Usage:	0.052 MGD	Time Period:	10/01/2016 to 09/30/2017
Wholesale Contract:	Yes	Maximum Purchase Rate :	161 GPM
No. of Samples Required:	1	No. of Samples Submitted:	1
No. of Raw Samples Required:		No. of Raw Samples Submitted:	
Non-Comm Dates of Operation:	09/09/9999 to 09/09/9999		

WATER STORAGE TANKS

Type	Capacity	Material	Location
HD	0.004 MG	ST	PS 2
GR	0.030 MG	ST	PS 2
HD	0.004 MG	ST	PS 1
GR	0.016 MG	ST	PS 1
GR	0.020 MG	ST	PS 1

WATER SOURCES

EP No.	Source Code	Owner's Des	Location	Status	Pump Type	Tst GPM	Est GPM	Tst/Est GPM Date
1	P0670015A	LAKE LEON/CITY OF EASTLAND	CITY OF CARBOND	O				05/26/2009

SERVICE PUMPS

Pump Number	Output	Location
1	455 GPM	PS 2

1	250 GPM	PS 1
2	250 GPM	PS 1
2	455 GPM	PS 2

SYSTEM CAPACITIES

Pressure Plane Number: 1 **Name:** CITY OF CARBON

System Capacities		Required		Provided
Well Production	0.5	GPM Conn X 209	Conn = 104.5	GPM 161
Elevated Pressure Storage	20	Gal/Conn X 209	Conn = 0.0042	MG 0.008
Ground/Total Storage	200	Gal/Conn X 209	Conn = 0.042	MG 0.066
Service Pump Capacity	2.0	GPM/Conn X 209	Conn = 418	GPM 1410
Service Pump Peaking Factor	0.178	MDD/1440 X 1.85	** 228.7	GPM 955
Tested PSI: 71 Tested CL2: 1.40		Total Location: 601 S. Main St.		

SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon	TCEQ ID: 0670015	Investigation Date: October 24, 2017
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OUTSTANDING ALLEGED VIOLATIONS		
No.	Requirement(s) Cited	Description of Alleged Violation, Corrective Action Recommendation, and Compliance Documentation
1	290.46(z)(1-4)	<p>Failure to have a Nitrification Action Plan.</p> <p>Any water system distributing chloraminated water must create a Nitrification Action Plan (NAP) that contains a system-specific plan for monitoring free ammonia, monochloramine, total chlorine, nitrite, and nitrate levels and contains action levels of the above monitored chemicals where action must be taken and specific corrective actions to be taken if action levels are exceeded. The NAP should be maintained as part of the system's monitoring plan in §290.121 of this title.</p> <p>During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon had not completed but was in the process of developing their Nitrification Action Plan. It was recommended that the City continue the necessary steps to complete the baseline monitoring and implement the plan.</p> <p>Please submit documentation verifying that the NAP has been created and implemented in accordance with 30 TAC Chapter 290.</p>
2	290.46(m)(1) 290.46(m)(1)(B)	<p>Failure to inspect interior of pressure tanks.</p> <p>Each of the system's ground, elevated and pressure tanks shall be inspected annually by water system personnel or a contracted inspection service. Pressure tank inspections must determine that the pressure release device and pressure gauge are working properly, the air-water ratio is being maintained at the proper level, the exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in watertight condition. Pressure tanks provided with an inspection port must have the interior surface inspected every five years.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon had incorrectly recorded results of the pressure tank inspections on the same form as the ground storage tanks. The City of Carbon submitted copies of separate inspection forms for the pressure tanks via e-mail on November 7, 2017. Those forms indicated that an interior inspection was due (the last was performed in October of 2012) and would be performed during the month of November.</p> <p>Please submit documentation confirming that the City of Carbon has performed inspections on the interior of the pressure tanks in accordance with 30 TAC 290.</p>

SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon	TCEQ ID: 0670015	Investigation Date: October 24, 2017
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RESOLVED ALLEGED VIOLATION(S)		
No.	Requirement(s) Cited	Description of Alleged Violation, Corrective Action Recommendation, Compliance Documentation and Resolution
1	290.46(e)(3)(A)	<p>Failure to use a licensed operator to perform regulated activities for the City of Carbon Public Water Supply System.</p> <p>Purchased water systems serving no more than 250 connections must use an operator who holds a Class "D" or higher license.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was discovered that, for a period of time between December 15, 2016 through September 15, 2017, the City of Carbon was allowing an unlicensed individual to perform duties that should only be performed by a licensed operator.</p> <p>It is required that no one other than a licensed operator perform regulated activities for the City of Carbon PWS in accordance with 30 TAC 290.</p> <p>Resolution: The Abilene Regional Office received documentation on October 27, 2017 verifying that the City of Carbon had resumed using a licensed operator to perform regulated duties as of September 22, 2017, in accordance with 30 TAC 290.</p>
2	290.119(a)(2)	<p>Failure to have a laboratory approval form.</p> <p>Samples used to determine compliance with the treatment technique requirements and maximum residual disinfectant levels (MRDLs) of this subchapter must be analyzed by a laboratory approved by the executive director.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have a lab approval form filled out for analyses performed by the operator, such as chlorine residual and pH monitoring.</p> <p>It is recommended that the City of Carbon fill out TCEQ form 10450 for analyses performed by the operator.</p> <p>Resolution: The Abilene Regional Office received a lab approval form via e-mail on November 9, 2017 indicating the analyses performed by the operator in accordance with 30 TAC 290.</p>

SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon			TCEQ ID: 0670015	Investigation Date: October 24, 2017
3	290.46(s)(2)(A), 290.46(s)(2)(D)	<p>Failure to calibrate or verify monitoring equipment.</p> <p>pH meters shall be properly calibrated. Analyzers used to determine the effectiveness of chloramination in §290.110(c)(5) of this title shall be properly verified in accordance with the manufacturer's recommendations every 90 days. These analyzers include monochloramine, ammonia, nitrite, and nitrate equipment used by the public water system.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the HACH colorimeter used for monitoring monochloramine and ammonia was not being verified and that the pH meter was not being calibrated.</p> <p>It is recommended that the City of Carbon obtain secondary standards for monochloramine/free ammonia to verify the colorimeter and pH buffers to calibrate the pH meter and keep logs of verification/calibration activity.</p> <p>Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that secondary standards and buffers had been obtained and that verification/calibration activity is being recorded in accordance with 30 TAC 290.</p>		
4	290.42(e)(4)(A)	<p>Failure to have an ammonia test bottle.</p> <p>When chlorine gas is used, a small bottle of fresh ammonia solution (or approved equal) for testing for chlorine leakage shall be readily accessible outside the chlorinator room and immediately available to the operator in the event of an emergency.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon did not have an ammonia test bottle for the gas chlorine housed at the Hoffman Plant.</p> <p>It is necessary for the City of Carbon to obtain an ammonia solution test bottle to be used to test for possible chlorine leaks.</p> <p>Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that the City of Carbon had obtained an ammonia test bottle in accordance with 30 TAC 290.</p>		

SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon	TCEQ ID: 0670015	Investigation Date: October 24, 2017
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5	290.43(c)(2)	<p>Failure to have a lock on the roof hatch of a public water storage tank.</p> <p>All hatches shall remain locked except during inspections and maintenance.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was recorded that there was no lock on the roof hatch of the 30,000 gallon ground storage tank at the Carbon plant location.</p> <p>It is required for the City of Carbon to ensure that all roof hatches on public water storage tanks remain secured by locks.</p> <p>Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 14, 2017 that a lock had been added to the roof hatch of the 30,000 gallon ground storage tank indicated above in accordance with 30 TAC 290.</p>
6	290.46(t)	<p>Failure to maintain ownership signage.</p> <p>All community water systems shall post a legible sign at each of its production, treatment and storage facilities. The sign shall be located in plain view of the public and shall provide the name of the water supply and a valid emergency telephone number where a responsible official can be contacted.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the emergency contact information on the ownership signage was that of the deceased operator and needed to be updated.</p> <p>It is recommended that the City of Carbon replace ownership signage to reflect current emergency contact information.</p> <p>Resolution: The Abilene Regional Office received photographic evidence via e-mail on November 21, 2017 verifying that new ownership signage had been obtained in accordance with 30 TAC Chapter 290.</p>

SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon	TCEQ ID: 0670015	Investigation Date: October 24, 2017
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7	<p>290.121(a), 290.121(b), 290.121(b)(1), 290.121(b)(1)(C), and 290.121(b)(1)(C) (i)-(iii)</p>	<p>Failure to have an adequate monitoring plan.</p> <p>All public water systems shall maintain an up-to-date chemical and microbiological monitoring plan. The monitoring plan shall identify all sampling locations, describe the sampling frequency and specify the analytical procedures and laboratories that the public water system will use to comply with the monitoring requirements of this subchapter. The monitoring plan shall include information on the location of all required sampling points in the system. Required sampling locations for regulated chemicals are provided in §290.106 of this title (relating to Inorganic Contaminants), §290.107 of this title (relating to Organic Contaminants), §290.108 of this title (relating to Radionuclides Other than Radon), §290.109 of this title (relating to Microbial Contaminants), §290.110 of this title (relating to Disinfectant Residuals), §290.113 of this title (relating to Stage 1 Disinfection Byproducts (TTHM and HAA5)), §290.117 of this title relating to regulation of Lead and Copper), and §290.118 of this title relating to Secondary Constituent Levels). The address of each sampling site in the distribution system shall be included in the monitoring plan or the location of each distribution system sampling site shall be designated on a distribution system schematic. The distribution system schematic shall clearly indicate the location of all pump stations, the location of all ground and elevated storage tanks, and the location of all chemical feed points in the distribution system.</p> <p>During the comprehensive compliance investigation conducted on October 24, 2017, it was noted that the City of Carbon's Monitoring Plan listed outdated operator information and did not identify all regulated sampling locations either in a list or schematic.</p> <p>It is recommended that the City of Carbon submit an updated monitoring plan including all required sampling locations clearly indicated on a distribution schematic.</p> <p>Resolution: The Abilene Regional Office received documentation via e-mail on November 9, 2017 verifying that the City of Carbon had corrected the operator's information and had created schematics of sampling locations in their monitoring plan in accordance with 30 TAC 290.</p>
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SUMMARY OF INVESTIGATION FINDINGS

Regulated Entity Name: City of Carbon	TCEQ ID: 0670015	Investigation Date: October 24, 2017
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Additional Issue(s)		
No.	Requirement(s) Cited	Description of Additional Issue and Corrective Action Recommendation
1	290.46(f)	During the comprehensive compliance investigation on October 24, 2017, it was discovered that the previous operator had passed away and did not leave behind any records of operation from his tenure. The new operator has been keeping records, and it is recommended that the city be diligent in maintaining records of operations in accordance with standards outlined in §290.46(f) for future investigations.
2	290.46(n)(2)	During the comprehensive compliance investigation on October 24, 2017, it was reported that the City of Carbon was working with an engineering firm to finalize an updated map of the distribution to include mains, valves, dead ends, storage tanks, pumps and treatment facilities. It is recommended that the City continue work to finalize this map and notify the Abilene Regional Office once it has been completed in accordance with standards outlined in 290.46(n)(2).
3	290.46(j)	<p>During the comprehensive compliance investigation on October 24, 2017, it was noted that the City of Carbon did not have a record of Customer Service Inspections (CSIs) and that it was likely due to the loss of records along with the previous operator. It is recommended that the City of Carbon have an appropriately licensed person conduct CSIs as deemed necessary and keep records of the results of those inspections in accordance with standards outlined in 290.46(j).</p> <p>The City of Carbon submitted a copy of a CSI performed at the Carbon Ag and Outdoor Deer Processing via e-mail to the Abilene Regional Office on November 21, 2017. The form advised that backflow devices were needed on the hose bibs. Photographic evidence of a vacuum breaker installed on a hose bib was received in the Abilene Regional Office via e-mail on November 28, 2017.</p>
4	290.45(f)(2)	<p>During the comprehensive compliance investigation on October 24, 2017, it was documented that the City of Carbon has a water purchase agreement with the City of Eastland that provides 7.069MG monthly or 161GPM. The City of Carbon was granted a minimum alternative capacity requirement (ACR) of 0.5gpm/connection for its 209 retail connections (104.5GPM required); they have 17 direct connections at 2.0gpm/conn (34 GPM required), and a wholesale contract with Staff WSC to provide 0.837MG monthly (19.1GPM required). The sum of the above required capacities comes to 157.6GPM, which is approaching the 161GPM provided by the purchase contract. The system is currently at 97.9% capacity.</p> <p>It is recommended that the City of Carbon consider increasing the purchase contract with Eastland or apply for an amended alternative capacity requirement.</p>

TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

Regulated Entity/Site Name	City of Carbon	TCEQ Add. ID No. RN No (optional)	0670015
Investigation Type	CCI	Contact Made In-House (Y/N)	Y
Regulated Entity Contact	Sylvia Gosnell	Telephone No.	254-653-2222
Water Operator	Chad Gosnell	FAX #/Email address	cityofcarbon@yahoo.com
		Date Contacted	10/24/2017
		FAX/Email date	10/30/2017

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

Issue		For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe.	
No.	Type ¹	Rule Citation (if known)	Description of Issue
1	AV	290.46(e)(3)	Failure to have a licensed operator. (Field Citation Issued)
2	AV	290.46(z)	Failure to have a Nitrification Action Plan. *Noted that in process of setting baseline
3	AV	290.121	Failure to have an adequate monitoring plan.
5	RR	290.119(a)	Failure to follow acceptable laboratory analytical procedures. *Need lab approval form
6	PV	290.46(s)(2)(A), 290.46(s)(2)(D)	Failure to calibrate laboratory equipment. (pH meter and monochloramine/free ammonia colorimeter)
7	RR	288.20(c)	Failure to update drought contingency plan at least every five years.
8	RR	290.46(m)(1)	Failure to inspect pressure tanks annually. *Inspections need to be on separate forms
9	O	290.46(j)	Failure to perform and maintain record of Customer Service Inspections. *Noted that records lost due to extenuating circumstances
13	PV	290.42(e)(4)(A)	Failure to have ammonia test bottle.
	PV	290.46(t)	Failure to maintain ownership signage.
14	PV	290.46(m)(1)(A)	Failure to have a lock on the roof hatch of a public water storage tank. (Carbon plant)
10	O	290.46(f)	Operating records and reports: It was noted that records were lost from the previous operator. Please maintain operating records according to section (f) standards for future investigations.

11	O, RR	290.42(l)	Plant Operations Manual: Emergency contact info needs to be updated, and SOPs need to be verified.
12	O, RR	290.46(n)(2)	It was noted that the system is working with an engineering firm to create an updated map of the distribution system that includes easy-to-identify mains, valves, dead ends, storage tanks, pumps and treatment facilities.
15	O	290.46(t), 290.46(m)	Clean up any overgrowth on the fences and add a screen to the vent on the pressure tank.

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation); PV (Potential Violation), O (Other), or RR (Records Request)

Did the TCEQ document the regulated entity named above operating without proper authorization?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the investigator advise the regulated entity representative that continued operation is not authorized?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.			
Sarah Robison	10/30/2017		
Investigator Name (Signed & Printed)	Date	Regulated Entity Representative Name (Signed & Printed)	Date

If you have questions about any information on this form, please contact your local TCEQ Regional Office.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512/239-3282.

POTABLE WATER STORAGE TANK Inspection Form

Section 290.46(f)(3)(D)(ii) of the Texas Commission on Environmental Quality's *Rules and Regulations for Public Water Systems* requires documentation of annual ground, elevated, and pressure storage tank maintenance inspections. [See also 290.46(m)(1) and 290.46(m)(2)]

Plant #1	Location: 14100 Hwy 6
Description: 4000 gal Pressure tank	
Date & Material of Exterior Coating System: 1 inch base paint 2008	
Date & Material of Interior Coating System: epoxy paint 2008	

Exterior of Tank

O.K.	Problem	NA	Description
✓			Foundation: settling, cracks, deterioration
✓			Protective Coating: rust, pitting, corrosion, leaks
✓			Water Level Indicator: operable, cable access opening protected
✓			Overflow Pipe: flap valve cover accessible, operable, sealed
			Access Ladder: loose bolts or rungs
		✓	Roof: low spots for ponding water, holes along seams, rust
✓			Air Vents: proper design, screened, sealed edges and seams
		✓	Cathodic Protection Anode Plates: secured and sealed
		✓	Roof Hatch: proper design, locked, hinge bolts secured, gasket
✓			Pressure Tank Operational Status: pressure release device, pressure gauge, air-water volume device

Interior of Tank

O.K.	Problem	NA	Description
			Water Quality: insects, floating debris, sediment on the bottom
			Protective Coating: rust, corrosion, scaling
Date: 10-1-12			Last Inspection of Pressure Tank Interior

Comments

<div style="height: 80px;"></div>
Name of Inspector: [Signature]
Date of Inspection: 10-1-12

POTABLE WATER STORAGE TANK Inspection Form

Section 290.46(f)(3)(D)(ii) of the Texas Commission on Environmental Quality's *Rules and Regulations for Public Water Systems* requires documentation of annual ground, elevated, and pressure storage tank maintenance inspections. [See also 290.46(m)(1) and 290.46(m)(2)]

PVant #2	Location: 400 Collins Blvd
Description: 4000 gal Pressure tank	
Date & Material of Exterior Coating System: Waterborne paint 2008	
Date & Material of Interior Coating System: Epoxy paint 2008	

Exterior of Tank

O.K.	Problem	NA	Description
✓			Foundation: settling, cracks, deterioration
✓			Protective Coating: rust, pitting, corrosion, leaks
✓			Water Level Indicator: operable, cable access opening protected
✓			Overflow Pipe: flap valve cover accessible, operable, sealed
		✓	Access Ladder: loose bolts or rungs
		✓	Roof: low spots for ponding water, holes along seams, rust
✓			Air Vents: proper design, screened, sealed edges and seams
		✓	Cathodic Protection Anode Plates: secured and sealed
		✓	Roof Hatch: proper design, locked, hinge bolts secured, gasket
✓			Pressure Tank Operational Status: pressure release device, pressure gauge, air-water volume device

Interior of Tank

O.K.	Problem	NA	Description
			Water Quality: insects, floating debris, sediment on the bottom
			Protective Coating: rust, corrosion, scaling
Date: 10-1-12			Last Inspection of Pressure Tank Interior

Comments

Name of Inspector:	<i>[Signature]</i>
Date of Inspection:	10-1-17

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TCEQ Search Licensing or Registration Information

License Detail

To report a change of address, phone number, or email address, please fill out the form located at <http://www.tceq.texas.gov/licensing/forms/contactupdate>.

CN: CN603858093
Name: GOSNELL, CHAD N
Address: 390 COUNTY ROAD 414
City: CARBON
State: TX
ZIP: 76435-2059
County: EASTLAND
Work Phone: 254-631-6777
 254-639-2002

License(s)

There were 1 licenses found.

Program	License Type and Level	License Number	Last Issued Date	Exp. Date	License Status	CE Hours
WATEROL	WATER OPERATOR D	W00030008	05/19/2017	06/08/2020	CURRENT	0

Note: The number of CE hours needed in order to renew a license is based on the term (length) of each license. Please go to the program page for the license you hold to determine the number of CE hours needed and to view the latest information and renewal requirements for your license.

Application(s) within the Last 2 Years

There were 1 applications found.

Program	Type and Level	App. Type	App. Status	App. Review Date	App. Expiration Date	Deficiency Letter Date	Total Hours
WATEROL	WATER OPERATOR D RENEWAL	LICISSUED		05/18/2017	06/08/2020	No Deficiency	20

Course(s)

There were 1 courses found. **Note:** You may see the same course listed multiple times. This occurs because the course counted towards multiple license programs.

Program	Course Title	Course Code	Hours	Date	Provider
WATEROL	(CORE) BASIC WATERWORKS OPERATION	92	20.0	05/05/2011	CWTEX RS

Note: Approved training providers are responsible for submitting approved training to TCEQ. Please allow 30 days from the last date of the training session for a record to appear in the search results. If a course does not appear in your training record after that time, please contact the training provider of the missing course. You may find contact information for approved training providers at <https://www.tceq.texas.gov/licensing/training/AllTrainingProviders>.

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[Texas Homeland Security](#) |
[TRAIL Statewide Archive](#) |
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TCEQ Microbial Reporting Form										Rev. 2 08/2017																																																																																																																																																																																													
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	Phone #: 254-631-1920			Other Contact:																																																																																																																																																																																																			
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<small>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) By signing this form, the sampler acknowledges that samples were collected according to the system's established sample collection procedures, and that all information is accurate.</small>												Lab Results Rejection Code (if applicable) - Please Resubmit: Chlorine Residual: Circle "F" for Free, "T" for Total (mg/L)		Test Method: SM 9223 B - P/A Enzyme Substrate IDEXX Colilert-18						Laboratory Sample ID Number 42172613																																																																																																																																																																																			
Sample Identification/Location Use Specific Address / Location identified in Sample Siting Plan			Sample Type: (if one)			Collected Date: Month Day Year Time: Please circle AM or PM			Sample ID & Date of Originating Sample (All Repeat, Replacement, & Triggered Raw Samples)					<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="2">Chlorine</th> <th colspan="2">Total Coliform</th> <th colspan="2">E. 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<small>Form instructions: www.tceq.texas.gov/creatingwater/microbial/revised-total-coliform-rule * Special and Construction samples are NOT FOR COMPLIANCE</small>												Lab Rejected Code (LR) - Document Reason:																																																																																																																																																																																											
Sample Container: Plastic 120mL w/Na ₂ S ₂ O ₃										Page 1 of 1		Billing Info: INVOICED		Report ID: R1915																																																																																																																																																																																									

[illegible]

TCEQ		MICROBIAL MONITORING FORM										Abilene - Taylor County Public Health District Laboratory		TCEQ Certificate #									
Public Water System ID: (Must be 7 digits; include all zeros)		0	6	7	0	0	1	5					860 N 6th Abilene, TX 79601 Phone: 325-437-4653 Fax: 325-437-2407 TCEQ Lab ID: 48602		T104704330-16-9								
Water System Name:		CITY OF CARBON										This test report shall not be reproduced except in full, without written approval of the laboratory.		TCEQ Certificate #									
County:		EASTLAND										Sample tested?		Retest requested by:									
Sand Results To:	Name:	ATTN: SYLVIA GOSNELL										Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	By: <i>Bryce Gosnell</i>		Date/Time: 8:50 am 8-8-17								
	Address:	PO BOX 414											By: <i>Sylvia Gosnell</i>		Date/Time: 8:30 am 8-8-17								
	City:	CARBON											By: <i>Sylvia Gosnell</i>		Date/Time: 11:32 8-8-17								
	State:	TX	Zip:	7	6	4	3	5						Date/Time: 8:30 am 8-8-17									
	Phone #:	254-631-1920				Fax #:					Report Approval Signature/Title: <i>[Signature]</i> Vanita Gonzalez - Technical Director												
Sampler Name:	Printed: <i>Bryce Gosnell</i>				Signature: <i>Bryce Gosnell</i>				Approving Technical Director: <i>[Signature]</i>		Date of Approval: 8/11/17												
Sampler Contact #:	254-631-8983				<input type="checkbox"/> Other <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Engineer				<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Bottled/Filtered <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water		<input type="checkbox"/> Other <input type="checkbox"/> Groundwater with Surface Water Influence												
Sample Identification/Location/Source		Date		Time		Distribution		Container		Raw Water		Special		Reagent		Isolate Lab ID of Originating Positive on all Repeat and Triggered Samples		Total Coliform		E. coli		Bottle ID	
NOT SITE #		Month	Day	Year	Please circle AM or PM																		
Raw Wells Use Source ID for Well Samples Ex: G1234567A																							
C1	14609 Hwy 6 Eastland Tx 76844	8	9	17	8:30	PM																	W17-2164
TCEQ Form: 10525 05/2012		1) Sample too old. Exceeded hold time.				2) Insufficient volume (100ml sample volume required)				3) Excessive chlorine present in sample.				4) Form Incomplete / Data Discrepancy / Error Cited				Report ID: R1704					

Lot M/MO21
170 ml clear plastic N₂ S₂ O₃
Coupon 15525

POOR QUALITY ORIGINAL

Container: Plastic 120 mL w/ $\text{Na}_2\text{S}_2\text{O}_3$ Page 1 of 1

Invoyced.



POOR QUALITY ORIGINAL

Public/Private Water System Identification & Sample Collection Information (Please type or use block print)									
Public Water System ID:		0	6	7	0	0	1	5	
Water System Name:		CITY OF CARBON							
County:		EASTLAND							
Send Results To:	Name:	CITY OF CARBON							
	Address:	611 MESQUITE							
	City:	RANGER Carbon							
	State:	TX	Zip:	7	6	4	0	0	
Phone #:	254-631-1920		Fax #:						
Sampler Name:	Printed: <u>Bryce Conner</u>		Signature:						
Sampler Contact #:	254-631-1920		Operator:	<input checked="" type="checkbox"/> Operator					
System Type:		<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Bottled/Filtered <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water							
Other:		<input type="checkbox"/> Groundwater with Surface Water Influence							
Sample Identification Location:		Collected		Sample Type: (4)					
Bottle ID	Use Specific Address/Location		Date		Time		Include Lab ID of Original Positive on all Repeat and Triggered Samples		
	NOT SITE #		Month	Day	Year	Please circle AM or PM	Disinfect	Chlorine	Raw Well
	Raw Wells Use Source ID for Well Samples Ex: G1234567A						Special	Repeat	
102	1420 Hwy 6 Eastland TX 76441		7	10	17	8:30	am	<input checked="" type="checkbox"/>	<input type="checkbox"/>
							pm	<input type="checkbox"/>	<input type="checkbox"/>
							am	<input type="checkbox"/>	<input type="checkbox"/>
							pm	<input type="checkbox"/>	<input type="checkbox"/>
							am	<input type="checkbox"/>	<input type="checkbox"/>
							pm	<input type="checkbox"/>	<input type="checkbox"/>
							am	<input type="checkbox"/>	<input type="checkbox"/>
							pm	<input type="checkbox"/>	<input type="checkbox"/>
TCEQ Form 10525 05/2012		Unsuitable Sample Analysis		1) Sample too old / Exceeded hold time		3) Excessive chlorine present in sample		5) Form Incomplete / Data Discrepancy (Errors Circled)	
		Rejection Criteria & Definitions		2) Insufficient Volume (100ml sample volume required)		4) Heavy turbidity present		6) Other	
								Report ID: R1563	

Container: plastic 120ml w/ 120ml 203

5533

Coupon#15534

TCEQ		MICROBIAL MONITORING FORM												Abilene - Taylor County Public Health District Laboratory																			
Public/Private Water System Identification & Sample Collection Information (Please type or use block print)																																	
Public Water System ID:		0		6		7		0		0		1		5																			
Water System Name:		CITY OF CARBON																															
County:		EASTLAND																															
Send Results To:	Name:	ATTN: SYLVA GOSNELL																															
	Address:	PO BOX 414																															
	City:	CARBON																															
	State:	TX		Zip:		7		6		4		3		5																			
Phone #:		254-631-1920				Fax #:												Report Approval Signature/Title:		Vanita Gonzalez - Technical Director													
Sampler Name:		Printed: <u>Sylva Gosnell</u>				Signature:		(No Signature)										Approving Technical Director:		Date of Approval													
Sampler Contact #:		254-631-8983				<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Other												5/18/17															
System Type:		<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Bottled/Vended		<input checked="" type="checkbox"/> Groundwater		<input type="checkbox"/> Surface Water												Chlorine Residual		Unsuitable Sample - Please Resubmit		Lab Results											
Other:																		<input type="checkbox"/> Free mg/L		<input checked="" type="checkbox"/> Total mg/L		Rejection Criteria #		Total Coliform		E. coli							
Sample Identification/Location		Use Specific Address/Location		NOT SITE #		Date		Time		Distribution		Collection		Raw Well		Special		Repeat		Include Lab ID of Original Sample if at Original and Original Sample		Free mg/L		Total mg/L		Rejection Criteria #		Total Coliform		E. coli		Laboratory Sample ID Number	
Bottle ID		Raw Wells Use Source ID for Well Samples Ex: G1234567A		Month		Day		Year		Please circle AM or PM		Distribution		Collection		Raw Well		Special		Repeat		Free mg/L		Total mg/L		Rejection Criteria #		Total Coliform		E. coli		Laboratory Sample ID Number	
		16100 Hwy 66 Eastland, TX 76843		5		15		17		10:00		AM		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		2.4				<input type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		W171243	
																										<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
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																										<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>			
TCEQ Form:		10525		05/2012		Unsuitable Sample Analysis:		1) Sample too old - Exceeded hold time		2) Insufficient volume (100mL sample volume required)		3) Excessive chlorine present in sample		4) Laboratory/Instrumentation error		5) Other		Form Incomplete / Date Discrepancy (Errors Circled)		Report ID: R1318													

Container: Plastic 120ml w/Na2S2O3

Component 15524

Public/Private Water System Identification & Sample Collection Information (Please type or use block print)															 CITY OF ABILENE <small>This test report shall not be reproduced except in full without written approval of the laboratory.</small>		850 N 6th Abilene, TX 79601 Phone: 325-437-4553 Fax: 325-437-3407 TCEQ Lab ID: 48603		TCEQ Certificate #: T104704330-16-9 <small>Test results meet all accreditation/certification requirements unless stated otherwise.</small>	
Public Water System ID: <small>(Must be 7 digits include all zeros)</small>					0	6	7	0	0	1	5									
Water System Name:		CITY OF CARBON																		
County:		EASTLAND																		
Send Results To:	Name:	CITY OF CARBON										Sample Iced? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Relinquished by: Received by: Relinquished by: Received by: Therm: 61.4 CF = 0.4 10.8° 0.4° 20.4° Reported by:	Date/Time:		4-18-17					
	Address:	611 MESQUITE											Date/Time:		4-12-17					
	City:	RANGER											Date/Time:							
	State:	TX		Zip:		7 6 4 7 0 -							Date/Time:		4/12/17					
Phone #:		254-631-1920					Fax #:							Report Approval/Signature/Title:		Vania Gonzalez - Technical Director				
Sampler Name:		Printed: Bryce Gwinn					Signature:					Approving Technical Director:		4/21/17						
Sampler Contact #:		254-676-1920					<input checked="" type="checkbox"/> Other <input type="checkbox"/> Operator <input type="checkbox"/> Other:					Date of Approval:								
System Type: <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Ballast/Unmetered		Water Source: <input checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water																		
<input type="checkbox"/> Other		<input type="checkbox"/> Groundwater with Surface Water Influence																		
Sample Identification/Location:				Collected:				Sample Type: (Y)				Chlorine Residual:		Unsuitable Sample - Please Resubmit:		Lab Results:		Laboratory Sample ID Number		
Use Specific Address/Location				Date Time				Include Lab ID of Originating Positive on all Report and Tugger Samples				Free mg/L		Rejection Criteria #		Total Coliform				
Raw Wells Use Source ID for Well Samples Ex: G1234567A				Month Day Year Please circle AM or PM								Total mg/L				Present Absent Present Absent				
Bios Hwy 6 7044				4/12/17 8:00 am								34				<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>		W17 0945		
																<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
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																<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
TCEQ Form 10525 05/2012		Unsuitable Sample Analysis:		1) Sample too old: Exceeds hold time				3) Excessive turbidity present in sample				5) Form does not follow Data Entry/entry (Errors Enclosed)				Report ID: R1187				
		Rejection Criteria & Reasoning:		2) Insufficient volume (100mL sample volume required)				4) Heavy silt/turbidity present				6) Other								

Container: Plastic 120 mL w/Na₂S₂O₃ Page 1 of 1

15532

Public Water System ID: (Must be 7 digits; include all zeros)		0	6	7	0	0	1	5
Water System Name:		Carbon Water						
County:		EASTLAND						
Send Results To:	Name:							
	Address:	P.O. Box 633						
	City:	Carbon TX						
	State:	TX	Zip:	7	5	4	3	5
Phone #:	254-631-1100	Fax #:	254-631-2000	Report Approval Signature/TITLE:		Vania Gonzalez - Technical Director		
Sampler Name:	Printed: <i>Bryce G. Smith</i>	Signature:	<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Other		Approving Technical Director: <i>[Signature]</i>		Date of Approval: 3/23/17	
Sampler Contact #:	254-631-1100							
<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both/Varied		<input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water						
<input type="checkbox"/> Other		<input type="checkbox"/> Groundwater with Surface Water Influence						
Sample Location/Location	Date	Time	Please circle AM or PM		Total Coliform		E. coli	
Bottle ID: 16100 Hwy 6 Eastland TX Raw Wells: Use Source ID for Well Samples Ex: G1234567A	3/23/17	8:30	am		1.4	Present	Absent	Present
			pm					
			am					
			pm					
			am					
			pm					
			am					
			pm					
TCEQ Form: 10525 05/2012	1) Sample too old. Exceeded hold time.		2) Insufficient volume (100mL sample volume required)		3) Excess chlorine present in sample.		4) Heavy silty/turbidity present	
				5) Form Incomplete / Data Discrepancy (Errors Circled)		6) Other		Report ID: R1061

Container Plastic 120 mL w/ Na₂S₂O₃


Page 1 of 1

Compost # 15523

Receipt # 1263453

POOR QUALITY ORIGINAL

TCEQ		MICROBIAL MONITORING FORM										 CITY OF ABILENE <small>This report shall be the responsibility of the laboratory except in the event of an approval of the laboratory.</small>		Abilene - Taylor County Public Health District Laboratory 850 N 6th Abilene, TX 79601 Phone: 325-437-4653 Fax: 325-437-2407 TCEQ Lab ID: 48803				TCEQ Certificate #: T104704330-16-9 <small>Test results meet all accreditation criteria unless stated otherwise</small>					
Public/Private Water System Identification & Sample Collection Information (Please type or use block print)																							
Public Water System ID:		0		6		7		0		0		1		5									
Water System Name:		CITY OF CARBON																					
County:		EASTLAND																					
Send Results To:	Name:	CITY OF CARBON												Sample Iced?		Relinquished By		Bryce Gosnell		Date/Time		2-13-17	
	Address:	611 MESQUITE												<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Received by		R. STAFF		Date/Time		2-13-17	
	City:	RANGER												Therm CIA		Received by				Date/Time			
	State:	TX		Zip:		7		6		4		7		0		-		-		-		-	
Phone #:		254-631-1920				Fax #:		254-631-1920						Report Approval Signature/Title:		Vania Gonzalez Technical Director							
Sampler Name:		Printed: Bryce Gosnell				Signature:								Approving Technical Director:									
Sampler Contact #:		254-631-1920				<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Other:								Date of Approval:		2/14/17							
System Type: (P)		<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private		<input type="checkbox"/> Surface Water <input checked="" type="checkbox"/> Groundwater		<input type="checkbox"/> Other								Chlorine Residual		Unsuitable Sample - Please Resubmit		Lab Results					
Sample Identification/Location:		Bottle ID		Date		Time		Please circle AM or PM		Dissolved		Coliforms		Raw Well		Special		Residual		Ink for Lab ID of Originating Positive on all Repeat and Triggered Samples			
Use Specific Address/Location		NOT SITE #		Month		Day		Year		AM		PM		Raw Well		Special		Residual					
Raw Wells Use Source ID for Well Samples Ex: G1234567A				2		13		17		8:30		am		Raw Well		Special		Residual					
										pm		Raw Well		Special		Residual							
										am		Raw Well		Special		Residual							
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										pm		Raw Well		Special		Residual							

TCEQ		MICROBIAL MONITORING FORM												Abilene - Taylor County Public Health District Laboratory								
Public/Private Water System Identification & Sample Collection Information (Please type or use block print)														850 N 6th Abilene, TX 79601 Phone: 325-437-4663 Fax: 325-437-2407 TCEQ Lab ID: 48003		TCEQ Certificate #: T104704330-16 9 Test results meet all accreditation/certification requirements unless stated otherwise.						
Public Water System ID:		0	6	7	0	0	1	5	Water System Name: CITY OF CARBON										LABORATORY USE ONLY - DO NOT MARK TO THE RIGHT OF THE BOLD CENTER LINE			
County:		EASTLAND										Sample Iced?		Relinquished by		Date/Time: 1/10/17						
Send Results To:	Name:	CITY OF CARBON										Yes		Received by		Date/Time: 1/10/17						
	Address:	444 PO Box 414 m 41817 - 411 MESQUITE -										No		Relinquished by		Date/Time:						
	City:	Carbon - RANGER -										If No, temperature receipt		Received by		Date/Time:						
	State:	TX										21.1 °C		Tested by		Date/Time: 1/10/17						
Phone #:		254-681-1720										Fax #:		Report Approval Signature/Title:		Vania Gonzalez - Technical Director						
Sampler Name:		Bryon Goss										Signature:		Date of Approval:		1/17/17						
Sampler Contact #:		254-681-1720										<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Other		Chlorine Residual		Unsuitable Sample - Please Resubmit		Lab Results				
System Type:		<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Surface Water <input type="checkbox"/> Groundwater <input type="checkbox"/> Groundwater with Surface Water Influence										Free mg/L		Total mg/L		Rejection Criteria #		Total Coliform				
Sample Identification/Location		Use Specific Address/Location NOT SITE # Raw Wells Use Source ID for Well Samples Ex: G1234567A										Date Month Day Year 1 10 17		Time Please circle AM or PM 9:00 am		Sample Type: (V) Distribution System <input checked="" type="checkbox"/> Other <input type="checkbox"/>		Total Coliform Present Absent <input type="checkbox"/> <input checked="" type="checkbox"/>		E. coli Present Absent <input type="checkbox"/> <input checked="" type="checkbox"/>		
Bottle ID		1410 Hwy 6 1/10/17										Distribution System <input checked="" type="checkbox"/> Other <input type="checkbox"/>		Total Coliform Present Absent <input type="checkbox"/> <input checked="" type="checkbox"/>		E. coli Present Absent <input type="checkbox"/> <input checked="" type="checkbox"/>		Laboratory Sample ID Number W163292				
TCEQ Form: 10525 05/2012		*Unsuitable Sample Analysis* 1) Sample too old - Exceeded hold time 2) Insufficient volume (100mL sample volume required) 3) Excessive turbidity present in sample 4) Heavy silt/turbidity present 5) Form Incomplete / Other Discrepancy (Errors Corrected)										Report ID: R755										

Public/Private Water System Identification & Sample Collection Information (Please type or use block print)															
Public Water System ID:			0	6	7	0	0	1	5						
Water System Name: CITY OF CARBON															
County: EASTLAND															
Send Results To:	Name: CHARLES H WHITE														
	Address: 611 MESQUITE														
	City: RANGER														
	State: TX		Zip: 76401												
Phone #: 254-634-4748		Fax #: 254-631-1130													
Sampler Name: Printed: Chad Cornett		Signature: <i>[Signature]</i>													
Sampler Contact #: 254-631-6777		<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Other:													
System Type: <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Bottled/Vended <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Other:															
Sample Identification/Location: Use Specific Address/Location Date: 12/15/16 Time: 5:00 PM Please circle AM or PM Bottle ID: 407 W Anthracite Raw Wells Use Source ID for Well Samples Ex: G1234567A															
Sample Type: <input checked="" type="checkbox"/> Distribution <input type="checkbox"/> Raw Well <input type="checkbox"/> Special <input type="checkbox"/> Repeat Include Lab ID of Originating Positive on all Repeat and Triggered Samples															
Chlorine Residual: <input type="checkbox"/> Free mg/L <input type="checkbox"/> Total mg/L Rejection Criteria: 2															
Lab Results: <input type="checkbox"/> Unsuitable Sample - Please Resubmit* Test Method: Total Coliform, E. coli Present Absent Present Absent															
Laboratory Sample ID Number: 10163668															
TCEQ Form: 10525 05/2012 Unsuitable Sample Analysis: Rejection Criteria & Definitions 1) Sample too old - Exceeded hold time 2) Insufficient volume (100mL sample volume required) 3) Excessive chlorine present in sample 4) Heavy turbidity present 5) Form incompletely / Data discrepancy (Issues Circled) Report ID: 10163668															



850 N 6th
Abilene, TX 79601
Phone: 325-437-4653
Fax: 325-437-2407
TCEQ Lab ID: 48003

TCEQ Certificate #
T104704330-16-9
Test results meet all accreditation/certification requirements unless stated otherwise.

This test report shall not be reproduced except in full without written approval of the Lab or client.

LABORATORY USE ONLY - DO NOT MARK TO THE RIGHT OF THE BOLD CENTER LINE			
Sample Iced?	Refined/Quashed by	Date/Time	
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>[Signature]</i>	12/15/16	
	Received by	Date/Time	
	<i>[Signature]</i>	12/16/16	
	Refined/Quashed by	Date/Time	
	Received by	Date/Time	
	Tested by	Date/Time	
	Reported by	Date/Time	

Report Approval Signature/Title: <i>[Signature]</i>	Vania Gonzalez - Technical Director
Approving Technical Director: <i>[Signature]</i>	Date of Approval: 12/22/16

Jim

TCEQ		MICROBIAL MONITORING FORM										 CITY OF ABILENE <small>This test report shall not be reproduced except in full, without written approval of the laboratory.</small>		Abilene - Taylor County Public Health District Laboratory		 TCEQ <small>Test results meet all accreditation/certification requirements unless stated otherwise.</small>																													
Public/Private Water System Identification & Sample Collection Information (Please type or use block print)														850 N 6th Abilene, TX 79601 Phone: 325-437-4653 Fax: 325-437-2407 TCEQ Lab ID: 48003																															
Public Water System ID:		0	6	7	0	0	1	5	Water System Name:				CITY OF CARBON				TCEQ Certificate #:		T104704330-16-9																										
County:		EASTLAND										LABORATORY USE ONLY - DO NOT MARK TO THE RIGHT OF THE BOLD CENTER LINE																																	
Send Results To:	Name:	CHARLES H WHITE										Sample Iced?	Retinguished by:	CHARLES H. WHITE (NO SIGNATURE)		Date/Time:	12/06/2016 14:10																												
	Address:	611 MESQUITE										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Received by:			Date/Time:	12/06/2016 14:10																												
	City:	RANGER										If no, temperature receipt?	Retinguished by:			Date/Time:																													
	State:	TX		Zip:		7 8 4 7 0 -						°C	Tested by:			Date/Time:	12/06/2016 16:15																												
													Reported by:			Date/Time:	12/07/2016																												
Phone #:		254-631-1748				Fax #:						Report Approval Signature/Title:		Vanita Gonzalez - Technical Director																															
Sampler Name:		Printed: CHARLES H. WHITE				Signature: (NO SIGNATURE)				Approving Technical Director:				Date of Approval:		12/07/2016																													
Sampler Contact #:		254-631-1748				<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Other				Chlorine Residual:		Unsuitable Sample - Please Resubmit		Test Method:		Laboratory Sample ID Number:																													
<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Surface Water <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Surface Water												<input checked="" type="checkbox"/> Free mg/L <input type="checkbox"/> Total mg/L		Rejection Criteria #		Total Coliform Present Absent		E. coli Present Absent																											
Sample Identification/Location:		Use Specific Address/Location NOT SITE #										Bottle ID		Month		Day		Year		Time		Please circle AM or PM		Distribution		Construction		Raw Well		Special		Repeat		Include Lab ID of Original Positive on all Repeat and Triggered Samples											
EM011		14100 HWY 8 EASTLAND 76448										12		05		2016		15:30		am		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		0.7		Present		Absent		Present		Absent		W162929	
EM011		14100 HWY 6 EASTLAND 76448										12		05		2016		15:30		am		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		0.6		Present		Absent		Present		Absent		W162930	
TCEQ Form: 10525 05/2012		<input type="checkbox"/> Unsuitable Sample Analysis <input type="checkbox"/> Rejection Criteria Exceeded										<input type="checkbox"/> Sample too old - Exceeded hold time <input type="checkbox"/> Insufficient volume (100mL sample volume required)										<input type="checkbox"/> Excessive chlorine present in sample <input type="checkbox"/> Heavy silt/turbidity present <input type="checkbox"/> Other										<input type="checkbox"/> Form Incomplete / Data Discrepancy (Errors Circled)										Report ID: RS99			