

CONSUMER CONFIDENCE REPORT TCEQ CERTIFICATE of DELIVERY

For Calendar year 2018

Public Water System (PWS) Name: CRAFT TURNEY WSC MAIN

PWS ID Number: 0370016

I certify that the community water system named above has distributed the Consumer Confidence Report (CCR) for the calendar year of 2018 and that the information in the report is correct and consistent with the compliance monitoring data previously submitted to the TCEQ. Systems serving 100,000 or more people are required to post the CCR on a publicly available web site and provide the direct URL.

Date of Delivery: 06/25/2019
 Certified By: Name (print): Rhonda Briggs
 Title: Manager
 Phone Number: 903-586-9301

Signature: Rhonda Briggs Date: 06/25/2019

You must use at least one direct delivery and at least one good faith delivery method:
 (indicate "☒" all that apply):

Systems serving 100,000 or more people are required to post the CCR on a publicly available web site and provide the direct URL here: http:// _____

Direct Delivery Methods

- Mail a paper copy of the CCR: http://www.ctwscorp.com/docs/ConsumerConfidenceRpt.pdf
- Mail notification that CCR is available on-line at http://www.ctwscorp.com
 *The Internet link (url) you insert above must take customers directly to the open CCR.
- Email direct web address of the CCR, available at http://
- Email CCR as an attachment to or an embedded image in an email.
- Other direct delivery (for example, door hangers or additional electronic delivery method).
 Please specify: _____

Good faith delivery methods - to reach people who do not receive bills (check all that apply):

- Posting the CCR on the Internet at http://www.ctwscorp.com
- Mailing the CCR to people who receive mail, but who do not receive bills.
- Advertising the availability of the CCR in news media.
- Posting the CCR in public places.
- Delivering multiple copies to single billing addresses serving multiple persons.
- Delivering multiple copies of the CCR to community organizations.

All systems are required to mail by July 1 the Certificate of Delivery and complete Consumer Confidence Report to:

Sending by certified mail:	Sending by regular mail:
TCEQ DWSF, MC-155, Attn: CCR, 12100 Park 35 Circle Austin, TX 78753	TCEQ DWSF, MC-155, Attn: CCR, PO Box 13087 Austin, TX 78711-3087

CRAFT-TURNNEY W/SC
ANNUAL CONSUMER
CONFIDENCE REPORT
YEAR 2018

PUBLISHED JUNE 2019

2018 Consumer Confidence Report for Public Water System CRAFT TURNEY WSC MAIN

This is your water quality report for January 1 to December 31, 2018

CRAFT TURNEY WSC was compliant with all State and Federal Drinking Water Regulations for all contaminants. The following tables provide the water quality results of Craft Turney WSC's drinking water. Please note that a list of definitions has been provided to help you understand the tables.

CRAFT TURNEY WSC MAIN provides water from the water distribution system's two groundwater wells (from the Carrizo-Wilcox Aquifer) and when necessary, from the City of Jacksonville's Lake Jacksonville Water Facility Site, Jacksonville, TX, Cherokee County, TX.

For more information regarding this report contact: Rhonda Briggs / Phone: 903-586-9301 Craft-Turney WSC Office
Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al telefono (903) 586-9301

The public may participate in Craft-Turney Water Supply Corporation's monthly meetings held every second Tuesday of the month at 6:00 pm at the Corporation office at 505 SE Loo 456, Jacksonville, TX 75766. If you have any questions about the water loss audit please call 903-586-9301.

Definitions and Abbreviations

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The following tables contain scientific terms and measures, some of which may require explanation.

Action Level:

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Action Level Goal (ALG):

The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

Avg:

Regulatory compliance with some MCLs are based on running annual average of monthly samples.

Level 1 Assessment:

A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment:

A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level or MCL:

The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG:

The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum residual disinfectant level or MRDL:

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum residual disinfectant level goal or MRDLG:

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

MFL

million fibers per liter (a measure of asbestos)

meqn:

millirems per year (a measure of radiation absorbed by the body)

na:

not applicable.

NTU

nephelometric turbidity units (a measure of turbidity)

pCi/L

picouries per liter (a measure of radioactivity)

Definitions and Abbreviations

ppb:	micrograms per liter or parts per billion - or one ounce in 7,350,000 gallons of water.
ppm:	milligrams per liter or parts per million - or one ounce in 7,350 gallons of water.
ppq	parts per quadrillion, or picograms per liter (pg/L)
ppt	parts per trillion, or nanograms per liter (ng/L)
Treatment Technique or TT:	A required process intended to reduce the level of a contaminant in drinking water.
umho/cm	A unit of measurement for conductivity.
90 th Percentile	The value determined by ranking and numbering sample results from highest (lowest=1), multiplying the total number of samples by 0.90 (90%), and determining the sample result at the calculated ranking. Example: If 30 samples are collected, the 90 th percentile would be the 27 th highest sample result.

Information about your Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact the system's business office.

You may be more vulnerable than the general population to certain microbial contaminants, such as *Cryptosporidium*, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; persons who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders, can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care providers. Additional guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline (800-426-4791).

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Information about Source Water

CRAFT TURNERY WSC MAIN provides water from the water distribution system's two groundwater wells (from the Carrizo-Wilcox Aquifer) and when necessary, purchases water from THE CITY OF JACKSONVILLE. THE CITY OF JACKSONVILLE provides purchased water from Lake Jacksonville water Facility Site located in Jacksonville, TX Cherokee County, TX.

The CITY OF JACKSONVILLE Regulated Parameters

Regulated at the Customer's Tap

Lead/Copper Rule Results	UNITS	90 th Percentile	MCL	MCLG	# of Sites Exceeding AL	Sources in Drinking Water
Copper	ppm	0.34	AL = 1.3	1.3	0	Corrosion of customer plumbing
Lead	ppb	1.70	AL = 15.0	0	0	Corrosion of customer plumbing

The City of Jacksonville's last Lead and Copper Rule sampling was in September 2016. Due to an excellent compliance history, the City's sampling schedule has been reduced to once every three (3) years. Lead was below the MCL in all treatment plant samples in 2016.

Regulated in the Distribution System

	Units	Result	Range	MCL	MCLG	Source
Total Trihalomethanes	ppb	42.3	23.5 – 61.1	80	0	Chlorination by-product
Total Haloacetic Acids	ppb	19.6	11.1 – 28.1	60	0	Chlorination by-product
Chlorine	ppm	1.15	0.20 – 2.10	4	4	Disinfectant used to control microbes

Regulated at the Treatment Plant

	Units	Max	Result	MCL	MCLG	Source
Turbidity	NTU	LMPS	0.10 100%	TT = 1.0 NTU TT = <0.3 NTU in 95% of samples	N/A	Soil runoff

Measuring turbidity is required by state and federal law and aids the City in determining the effectiveness of our clarification and filtration processes in removing particulate matter from drinking water. The City met all turbidity requirements in 2018.

Regulated at the Treatment Plants and Wells

Parameters	Units	Max	Range	MCL	MCLG	Source
Fluoride	ppm	0.77	0.296 – 0.77	4	4	Drinking water additive
Nitrate	ppm	0.0266	0.01 – 0.0266	10	10	Runoff from fertilizer use,
Barium	ppm	0.043	0.011 – 0.043	Erosion of natural deposits		Erosion of natural deposits

Regulated at the Treatment Plants and wells (Cont'd)				Source	
Parameters	Units	Max	Range	MCLG	
Total Organic Carbon	ppm	2.80	1.70 - 2.80	N/A	Naturally present in the environment

Unregulated Parameters				MCL	MCLG
Parameters	Units	Avg.	Range	MCL	MCLG
Bromodichloromethane	ppb	14.47	2.94 - 26	N/A	N/A
Chloroform	ppb	32.76	7.11 - 58.4	N/A	N/A
Dibromochloromethane	ppb	5.93	1.15 - 10.7	N/A	N/A
Bromoform	ppb	<1.0	0 - <1.0	N/A	N/A

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

The public may participate in City Council meetings held every second Tuesday at 6:00 pm involving water quality matters. If you would like additional information concerning this report of the quality of your drinking water, please contact Randall Chandler, Associate Director of Community Services at 903-589-3510.

TCEQ completed an assessment of your source water, and results indicate that some of our sources are susceptible to certain contaminants. The sampling requirements for your water system are based on this susceptibility and previous sample data. Any detection of these contaminants will be found in this Consumer Confidence Report. For more information on source water assessments and protection efforts at our system contact Rhonda Briggs at (903) 586-9301

CRAFT TURNNEY WSC SOURCES OF DRINKING WATER

1. Union Grove Well (CR 1814 / FM 1910) Groundwater Status - Active Cartizzo-Wilcox Aquifer
2. Batton Loop Well (1.5 miles W of FM 747 S / W on CR 1905) Groundwater Status - Active Cartizzo-Wilcox Aquifer
3. Treated Surface Water from the City of Jacksonville / CC from TX 0370002 Surface Water Status - Active Lake Jacksonville

CRAFT TURNNEY WATER SUPPLY CORPORATION Regulated Contaminant

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	09/27/2016	1.3	1.3	0.32	0	ppm	N	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing systems.
Lead	09/27/2016	0	15	1.9	0	ppb	N	Corrosion of household plumbing systems; Erosion of natural deposits.

Craft-Turney WSC's last lead and copper sampling was in September 2016. Due to an excellent compliance history, Craft-Turney WSC's sampling schedule has been reduced to once every three (3) years. Lead was not detected in any sample collected in 2016.

2018 Water Quality Test Results

Disinfection By-Products	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Halocetic Acids (HAA5)	2018	19	5.7 - 28.4	No goal for the total	60	ppb	N	By-product of drinking water disinfection.
Total Trihalomethanes (TTHM)	2018	35	14.4 - 52.8	No goal for the total	80	ppb	N	By-product of drinking water disinfection.

* The value in the Highest Level or Average Detected column is the highest average of all HAA5 sample results collected at a location over a year*

* The value in the Highest Level or Average Detected column is the highest average of all TTHM sample results collected at a location over a year*

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Barium	2018	0.016	0.011 - 0.016	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2018	0.2	0.143 - 0.2	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2018	0.0337	0.0159 - 0.0337	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Level Detected	Range of Individual Samples	MCLG	MCL	Units	Violation	Likely Source of Contamination
Combined Radium 226/228	2018	1.5	1.5 - 1.5	0	5	pCi/L	N	Erosion of natural deposits.

Disinfectant Residual

Disinfectant Residual	Year	Average Level	Range of Levels Detected	MRDL	MRDLG	Unit of Measure	Violation (Y/N)	Source in Drinking Water
Chlorine (Free)	2018	1.69	1.55 - 1.77	4	4	mg/L	Ppm No	Water additive used to control microbes.

Water Distribution System Water Loss Audit Information as Reported to TWDB (Texas Water Development Board)

In the water loss audit submitted to the Texas Water Development Board for the time period of Jan – Dec 2018, our system lost an estimated 964 gallons of water per mile per day. If you have any questions about the water loss audit, please call 903-586-9301.



- ❖ If your toilet was installed before 1994, place a plastic bottle filled with water inside your tank. Your toilet will think it's full sooner, using $\frac{1}{4}$ less water.
- ❖ Spot toilet leaks by putting a drop of food coloring in your toilet tank. If there's color in the bowl after 10 minutes, you've got a leak.
- ❖ Dishwashers use $\frac{1}{2}$ the energy and 1/3 of the water as handwashing.
- ❖ If your garden hose leaks, replace the hose washer and ensure a tight connection with pipe tape and a wrench.
- ❖ A drip every 2 seconds equals over 1,000 gallons of water down the drain each year.
- ❖ Fixing household water leaks could save you up to 10% on your water bill.
- ❖ Check your water meter before and after going 2 hours without using water. If it changes, there's a leak on your side.

• **AMR Water Utility Service Meters!** Craft-Turney Water Supply Corporation is continuing to work on improving water utility service for our Members. System improvements of implementing AMR water meters are underway. The AMR water meters are being installed in stages throughout the water distribution system. Once the special radio read meters and boxes are installed, it is requested that you, the Member, take extra precaution of the water system equipment. Precautionary measures such as; no running over the meter boxes, do not place objects, cars, etc. on top of the boxes so that the signal is undetectable or damages are done to the water system's equipment. The water meter box and AMR water meter has to be visible and observable at all times. Thank you for your consideration towards your rural water supply.

→ **Access to the water meter** is still necessary even though some of the water utility service meters are being read electronically. The Craft-Turney W/SC field employees are still reading majority of water meters manually and will continue periodically reading the AMR meters manually to ensure the electronics are operating properly. Please keep brush, grass, weeds, tree branches, etc....cleared away from the water meter box and equipment. Please don't park vehicles, equipment, or other items over or on top of the water meter box.

☆ **Periodically we require access** to your property to make repairs or upgrades to our main water lines on your property. We attempt to notify property owners in advance but when a main line break needs immediate attention, we are not always able to allow time for a return call. Please update your information on file in the Corporation office to make sure we have a day-time contact number as well as an evening contact number on file for you.

☺ **One area that seems to be consistently misunderstood is the customer cut-off valve.** You, (the member) must install at your own expense any necessary equipment to the point of use, including any cut-off valves, hose bibs, backflow prevention devices, pressure regulators, clean-outs, etc. The Corporation angle valve on the water distribution system side of the water utility service meter should *NOT* be disturbed by anyone except Craft-Turney W/SC employees. If the water distribution system equipment or angle valve / corporation stop incurs damages, the member's water utility service account will sustain service charges to repair the damages done. A cut-off valve on the member's side of the water utility service meter insures the ability for the water to be shut off at the member's convenience. Any water that goes thru your service meter will be charged to your water utility service account so please make an effort to verify all equipment is in working condition.

× **Tampering with Water Supply Corporation equipment** is prohibited and has very harsh penalties. In addition to the tampering and diversion penalties for theft of water utility service, fees for any damage to the Water Supply Corporation's equipment and fees to correct the damage(s), Craft-Turney W/SC does and will prosecute to the fullest extent allowed by the law, which could be felony charges and jail time. Please do not intentionally tamper with the Water Supply Corporation's equipment with intent to reconnect a service, connect an illegal service, or intentionally damage equipment.

Did you know the State of Texas only allows ONE dwelling (resident) / or occupied home, per water service meter connection??

Meaning, one house is to be connected to a single 5/8" water utility service meter. The Craft-Turney WSC service policy states that only one connection per meter is allowed and any improvements to the property that would require additional water service must be submitted to the Corporation office for review. It is important for water customers to receive a continuous and adequate supply of water. It is equally important for retail public utilities to have adequate measures in place to help ensure that each water customer receives an adequate supply of water that is protected from contamination from external sources. To help achieve this, rules have been written for the protection of both the customer and the utilities that call for one meter per residence or commercial connection. Texas Administrative Code (30 TAC).

➔ **Help support our area Volunteer Fire Departments!** Craft-Turney WSC gives our customers the opportunity to make donations to the fire departments through their water bills. A contribution is voluntary and it is not required to be paid. If you choose this option to help the local fire departments, a \$1.00 donation amount (or the amount of your choice) would be added to your water bill each month. The proceeds collected would be divided equally between Gallatin, Maydelle, and Earle's Chapel Volunteer Fire Departments. The charge will only be added to accounts per the customer's request. If you would like to support these departments in this way, please contact the Corporation office to be informed on how you can sign up or by downloading the Volunteer Fire Department Contributions Form from the Craft-Turney WSC website (www.ctwscorp.com) complete, sign, date, and return to the Corporation office.

DID YOU KNOW???

☞ The **MEMBER** is responsible for making sure Craft-Turney WSC's records are up to date. The **MEMBER** is also responsible for bringing all information to prove any changes that need to be made to the water utility service account. If your name, address, phone number, or anything else is incorrect, please notify the Corporation office staff and we will correct it. If you sell your property, you need to notify the Corporation office. We cannot correct any information that is not brought to our attention. Craft-Turney Water Supply Corporation is governed by Texas Rural Water Association and Texas Commission on Environmental Quality. TRWA instructs all rural water supply corporations to update all water utility service accounts into the current / existing (*living*) person(s) or property owner(s) name. If at any time, you wish to discuss this with one of our office staff, we welcome your comments and suggestions. We appreciate the opportunity to serve you!

◆ **NEW GROUNDWATER WELL FOR CRAFT-TURNEY WATER SUPPLY CORPORATION'S DISTRIBUTION SYSTEM**

Schaumburg & Polk, Inc. of Tyler, TX Professional Engineering Firm is executing all the phases for the construction of the Craft-Turney WSC new well with the financial assistance of the Texas Water Development Board. The TWDB administers cost-effective financial assistance programs for the construction of water supply, wastewater treatment, flood control, and agricultural water conservation projects. SPI, Inc. is in the drafting process of the new well construction. The new well will be located directly behind the Corporation office building.

OUTLINE OF CRAFT-TURNNEY WATER SUPPLY SERVICE AREA

Craft-Turnney Water Supply Corporation
 Water Service Area
 CCN No. 10800
 Application No. 34991-C (Decapitalized a Portion of
 Maydelle WSC, CCN No. 10777 and
 Dialville-Oakland WSC, CCN No. 10802)
 Cherokee County

- Water CCN Service Area
- 10800 - CRAFT-TURNNEY WSC
 - 10802 - DIALVILLE-OAKLAND WSC
 - 10763 - CITY OF JACKSONVILLE
 - 10786 - RUSK RURAL WSC
 - 10799 - GUM CREEK WSC
 - 10803 - CITY OF RUSK
 - 11046 - GALLATIN WSC
 - 12372 - AFTON GROVE WSC
- Facilities Type - Water CCN Service Areas
- 10777 - MAYDELLE WSC
 - 10785 - RUSK RURAL WSC
 - 12372 - AFTON GROVE WSC

