Serving Borden and portions of Clark, Floyd, Washington & Harrison Counties
B.T.C. Regional Water District - PWSID#IN5210002
2020 Annual Water Report

Borden Tri-County (BTC) Water is pleased to have this opportunity to inform our customers about the source and quality of their drinking water. BTC's Board of Directors are committed to providing an ample supply of safe drinking water to their customers throughout it's 100 square mile distribution system. To meet this commitment, BTC is continually engaged in constructing upgrades of it's production and distribution system in an effort to keep up with all development in our area. We are proud that our policy of anticipating areas of growth within our system has prevented water pressure and water quality problems which plague so many rural water systems.

WATERSHED PROTECTION PLAN:
Our Board of Trustees has implemented a Watershed Protection Plan for our Packwood Branch Reservoir. This includes, but is not limited to working with various local and state agencies to assure that property owners adjacent to our reservoir are compliant with rules regulating use of properties within watersheds for public water supplies. The Watershed Protection Plan is accessible on our website; "bordentc.com".

FOR MORE INFORMATION OR PUBLIC INVOLVEMENT OPPORTUNITIES:
If you have any questions about the contents of this report, please contact BTC Water's General Manager, Daryl Naville at 812-967-2226. You are also invited to join us for our Board of Directors meeting, held on the third Tuesday of each month at the BTC Office located at 1791 West Water St. Borden, IN at 7:30 PM.

PLEASE SHARE THIS INFORMATION:
Large water volume customers (like apartment complexes, schools, and/or industries) are encouraged to post extra copies of the report in conspicuous locations or to distribute them to your tenants, residents, students, and/or employees. This "good faith" effort will allow non billed customers to learn more about the quality of the water they consume.

IMPORTANT INFORMATION FOR THE SPANISH-SPEAKING POPULATION:
Este informe contiene informacion muy importante sobre el agua que usted bebe. Traduzcalo o hable con alguien que lo entienda bien.

IS OUR WATER SAFE?
This Annual Water Quality Report for the period **January 1 to December 31, 2020**, is intended to provide you with important information about your drinking water and the efforts made by Borden Tri-County (BTC) to provide safe drinking water. We are committed to providing you with all the information you need to know about the quality of the water you drink.

DO YOU NEED TO TAKE SPECIAL PRECAUTIONS?
Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people, such as people with cancer undergoing chemotherapy, people who have undergone an organ transplant, people with HIV/AIDS or other kinds of immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC has set guidelines with appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants which are available from the Safe Drinking Water Hotline at (800) 426-4791.

WHERE DOES OUR WATER COME FROM?
The sources of drinking water (both tap 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, or may pick up substances resulting from the presence of animal or 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 drinking water contaminates and their potential risk can be obtained by calling the EPA's Safe Drinking Water Hotline at (800) 426-4791.

As a BTC customer, your water originates from one of the two most common sources for drinking water. Surface water (from Borden's Packwood Reservoir), or well water (from the Indiana American Water Co., located at 2423 Middle Rd. Jeffersonville, In. 47130.

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 that result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, and mining or farming operations.
Pesticides and Herbicides, which may come from a variety of sources, such as agriculture, stormwater runoff, and residential uses.
Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum operations, and can also result from gas stations, urban stormwater runoff, and septic systems.
Radioactive Contaminants, which can be naturally-occurring or the result of oil and gas production and mining activities.

SOME OF THE TERMS AND ABBREVIATIONS USED IN THE WATER QUALITY TEST RESULTS ARE:

AL: Action Level (Contaminant level which triggers treatment or other requirements or action which a system must follow).
ALG: Action Level Goal (Concentration of a contaminant which if exceeded, triggers treatment or other requirements which a water system must follow.
AVG: Regulatory compliance with some MCLs are based on running annual average of monthly samples.
MCL: Maximum Contaminant Level (the highest contaminant level permitted in drinking water).
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.
MCLG: Maximum Contaminant Level Goal (the contaminant level below which there is no known health risk).
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 violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
MRDL: Maximum Residual Disinfectant Level (highest disinfectant level allowed in drinking water).
MRDLG: Maximum Residual Disinfectant Level Goal (the disinfectant level below which there in no known health risk).
MFL: Million Fibers per Liter (a measure of asbestos).
mrem: Millirems per year (a measure of radiation absorbed by the body)
n/a: Not Applicable
NTU: Nephelometric Turbidity Units (the measure of clarity or cloudiness of water).
pCi/L: picocuries per liter (a measure of radiation).
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
ppt: parts per trillion, or nanograms per liter (ng/L)
ppq: parts per quadrillion, or picograms per liter (pg/L)
TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water

WATER QUALITY DATA

The following table list contaminants that we detected during the 202(calendar year. The presence of these contaminants in our water doe not necessarily indicate that the water poses a health risk. Unles otherwise indicated, the data presented in this table is from testing don between January 1 and December 31, 2020. The Indiana Departmen of Environmental Management (IDEM) requires monitoring of certai contaminants less frequently than once per year. These contaminant are not expected to vary significantly from one year to another. Data fo these contaminants may be more than one year old.

SPECIAL NOTE ON LEAD

If present, elevated levels of lead can cause serious health problems especially for pregnant women and young children. Lead in drinkin water is primarily from materials and components associated with servic lines and home plumbing. Our system is responsible for providing hig quality drinking water, but cannot control the variety of materials use in plumbing components. When your water has been sitting for severa hours, you can minimize the potential for lead exposure by flushin your tap for 30 seconds to 2 minutes before using water for drinking o cooking. If you are concerned about lead in your water, you may wis to have your water tested. Information on lead in drinking water, testin methods, and steps you can take to minimize exposure is available fro the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead

SPECIAL NOTE ON TURBIDITY:

The turbidity treatment technique (TT) requires that at least 95% of th total combined effluent turbidity samples shall not exceed 0.3 NTU (1.(NTU for slow sand and diatomaceous earth filtration systems). At leas 95% is required to be in compliance. In addition, a maximum turbidit level cannot exceed 1.0 NTU at anytime.

SPECIAL NOTE ON TTHM:

Some people who drink water containing trihalomethanes in exces of the MCL over many years may experience problems with their live kidneys, or central nervous systems, and may have an increased risk o getting cancer.

SPECIAL NOTE ON HAA5:

Some people who drink water containing haloacetic acids in excess c the MCL over many years may have an increased risk of getting cance

INDIANA AMERICAN WATER (PWS# 5210005) - REGULATED CONTAMINANTS

Contaminant	Year Sampled	Highest Level Detected	Range Levels Detected	MCLG	MCL	Violations	Likely Source of Contamination
Fluoride (mg/l)	2018	0.17	NA	4	4	No	Erosion of natural deposits; Water additive to promote strong teeth
Nitrate (ppm)	2020	0.23	NA	10	10	No	Erosion of natural deposits, fertilizer runoff, leaching from septic tanks
REGULATED CONTAMINATES - IN DISTRIBUTION SYSTEM: (INDIANA AMERICAN - PWS# 5210005)							
TTHM (ppb)	2020	36.8	20.9 - 36.8	N A	80	No	By-product of drinking water chlorination
HAA5 (ppb)	2020	21.4	10.4 - 21.4	NA	60	No	By-product of drinking water chlorination
Chlorine	2020	1.4	0.66 - 1.90	4	4	No	Water additive to control microbes

Note: Compliance is based on the running annual average at each location for TTHM & HAA5.

Substance	Year Sampled	Action Level	90th Percentile	MCLG	Number of Samples	Violations	Likely Source of Contamination
Lead (ppb)	2018	15	1	0	30	No	Corrosion of household plumbing systems; Erosion of natural deposits.
Copper (ppm)	2018	1.3	0.644	1.3	30	No	Corrosion of household plumbing systems; Erosion of natural deposits.

Note: Chlorine residuals represent the highest monthly average measured throughout the distribution system.

TOTAL COLIFORM RULE - At least 80 samples collected each month in the distribution system

Substance (with units)	Year Sampled	Compliance Achieved	MCLG	MCL	Highest Percentage or Highest No. of Samples	Likely Source of Contamination
Total Coliform	2020	Yes	0	*MCL = Less than 5% OR MCL = No more than 1 positive sample	1.2%	Naturally present in the environment
E. Coli	2020	Yes	0	TT = No confirmed samples	0	Human and animal fecal waste

Note: Coliforms are bacteria that are naturally present in the environment and are used as an indicator of the general bacteriological quality of the water. We are reporting the highest

BTC Water (PWS# 5210002) - Regulated Contaminants							
Disinfection By-Products	Year Sampled	High Level Detected	Range Levels Detected	MCLG	MCL	Violations	Likely Source of Contamination
Chlorine (ppm)	2020	1	1 - 1	MRDLG = 4	MRDL = 4	No	Water additive (Disinfectant) used to control microbiological organisms
HAA5 (ppb)	2020	41	12.2 - 71	No goal for total	60	No	By-product of disinfection
TTHM (ppb)	2020	57	37.4 - 68.8	No goal for total	80	No	By-product of disinfection

Inorganic Contaminants	Year Sampled	High Level Detected	Range Levels Detected	MCLG	MCL	Violations	Likely Source of Contamination
Arsenic (ppm)	2017	1	1.3 - 1.3	10	10	No	Fire Retardants; Ceramics; Electronics; Solder
Fluoride (ppm)	2020	0,027	0.027			No	Naturally occurring; We no longer add at our Treatment Plant
Barium (ppm)	2016	0.092	0.09 - 0.09	2	2	No	Discharge of drilling waste; Erosion of natural deposits
Nitrate (as N) (ppm)	2020	0.358	0.358 - 0.358	10	10	No	Erosion of natural deposits, runoff from fertilizer; Leaching septic tanks

Turbidity	Year Sampled	Limit (TT)	Level Detected			Violations	Likely Source of Contamination
Highest Single Measurement	2020	1 NTU	0.37 NTU			No	Soil Runoff
Lowest Monthly % Meeting Limit	2020	0.3 NTU	100%			No	Soil Runoff

Radioactive Contaminants	Year Sampled	MCLG	Action Level	90th Percentile	Number of Samples	Violations	Likely Source of Contamination
Beta/photon Emitters (mrem/yr)	11/02/18	0	0.799 - 2.4	0	4	No	Decay of natural man-made deposits
Gross alpha - excluding radon & uranium (pCi/L)	11/02/18	0	-436.3	0	15	No	Erosion of natural deposits; Corrosion of home plumbing systems
Lead and Copper	**Year Sampled**	**MCLG**	**Action Level**	**90th Percentile**	**# sites over AL**	**Violations**	**Likely Source of Contamination**
Copper	2020	1,3	1.3	0.74	0	No	Erosion of natural deposits; Corrosion of home plumbing systems
Lead	2020	0	15	5.61	0	No	Erosion of natural deposits; Corrosion of home plumbing systems

Total Organic Carbon 2020
The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC requirements.

INFORMATION STATEMENT:

TURBIDITY - Is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration

TOTAL ORGANIC CARBON - The percentage of Total Organic Carbon (TOC) removal was measured each month and our system met all removal requirements set, unless a TOC violation is noted in the violation section.

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 your drinking water. Please contact your water provider's business office.

B.T.C Regional Water District
1791 W. Water Street
P.O. Box 40
Borden, IN 47106

WATER INFORMATION SOURCES:

Safe Drinking Water Hotline:
800-426-4791

US Environmental Protection Agency:
www.epa.gov/safewater

American Water Works Association
www.awwa.org

Indiana Dept. of Environmental Management:
www.in.gov/idem

Centers for Disease Control:
www.cdc.gov

Indiana American Water
www.Indiana-American.com

Consumer Confidence Report can also be viewed at www.bordentc.com

To ensure that your drinking water is safe, The EPA prescribes regulations that limit the amount of contaminates permitted in public drinking water systems. We are required by EPA and IDEM to provide adequate treatment of our water, assuring that it consistently meets these regulations. Moreover, FDA regulations establish limits for contaminates that may be present in bottled water, that provides the same level of health protection.

Automatic Payment Plan

All customers with APP will continue to receive a monthly bill so that amount due can be recorded in their bank account register, and the amount due will be automatically drafted from your designated account on the 10th of the month instead of the 15th. Should the 10th of the month fall on a holiday or weekend, the draft would be the next business day.

Name:_____ BTC Account #: _____

Address: _____ City:_____ State:_____ Zip: _____

Home Phone:_____ Work Phone:_____

Name of Bank:_____ Account #: _____

Bank Address: _____

Bank Phone:_____

Savings ☐ Checking ☐ *(check one)*

I hereby authorize BTC Regional Water District (BTC Water) to draw monthly drafts on my bank account for the payment of my monthly water bill. I understand that I may discontinue my participation in this program by submitting a written notice to BTC Water. BTC Water may terminate this agreement with written notice to the customer. BTC Water reserves the right to limit participation in this program to customers whose accounts are in good standing. *I understand that this could take up top two billing cycles to take effect.*

Please submit a voided check when returning this completed form (application will not be processed without a voided check).

Signature: _____ Date: _____