

CITY OF BROUSSARD HWY 90 WATER SYSTEM
Public Water Supply ID: LA1055194

Consumer Confidence Report

2017 CCR

What you need to do:

Step 1: Review base report and inserts (numbered pages) for errors.

Surface Water Systems: If you are a surface water system, you must insert the turbidity data.

Step 2: Distribute completed report to your customers as outlined on the CCR Certification of Distribution Form no later than June 30, 2018.

Step 3: A completed CCR Certification of Distribution Form including a copy of the final CCR report shall be submitted to the State at the address provided on the form no later than September 30, 2018.

Notes:

This page is not part of your CCR; it is only the instruction page. The pages that are numbered in the upper right hand corner are the report pages.

Our water system tested a minimum of 1 sample per month in accordance with the Total Coliform Rule for microbiological contaminants. With the microbiological samples collected, the water system collects disinfectant residuals to ensure control of microbial growth.

Disinfectant	Date	Highest RAA	Unit	Range	MRDL	MRDLG	Typical Source
CHLORINE	2017	1.06	ppm	0.65-1.65	4	4	Water additive used to control microbes

In the tables below, we have shown the regulated contaminants that were detected. Chemical Sampling of our drinking water may not be required on an annual basis; therefore, information provided in this table refers back to the latest year of chemical sampling results.

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
1,1-DICHLOROETHYLENE	11/14/2017	8.1	3.1 - 8.1	ppb	7	7	Discharge from industrial chemical factories
ARSENIC	11/30/2015	1.5	1.4 - 1.5	ppb	10	0	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
BARIUM	11/30/2015	0.048	0.043 - 0.048	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
CHROMIUM	11/30/2015	4.3	2.9 - 4.3	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits
FLUORIDE	11/30/2015	0.3	0.28 - 0.3	ppm	4	4	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
NITRATE-NITRITE	4/11/2017	1.3	0.94 - 1.3	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Radionuclides	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
COMBINED RADIUM (-226 & -228)	11/30/2015	0.758	0.758	pCi/l	5	0	Erosion of natural deposits

Lead and Copper	Date	90 TH Percentile	Range	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2017	1.3	0.1 - 1.5	ppm	1.3	1	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
LEAD	2017	1	1 - 3	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Period	Highest LRAA	Range	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAAS)	1225 HWY 90 - MEL'S DINER	2017	1	1.22 - 1.22	ppb	60	0	By-product of drinking water disinfection
TOTAL HALOACETIC ACIDS (HAAS)	FABRE RD	2017	1	0.79 - 0.79	ppb	60	0	By-product of drinking water disinfection
TTHM	1225 HWY 90 - MEL'S DINER	2017	1	0.92 - 0.92	ppb	80	0	By-product of drinking water chlorination
TTHM	FABRE RD	2017	2	1.8 - 1.8	ppb	80	0	By-product of drinking water chlorination

Unresolved significant deficiencies that were identified during a survey done on the water system are shown below.

Date Identified	Facility	Code	Activity	Due Date	Description
04/06/2017	DISTRIBUTION SYSTEM	CC17	GWR ADDRESS TT45 DEFICIENCIES	7/15/2017	LAC 51:XII.344 - LSPC - Protection of Water Supply/Containment Practices

Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL
CHLORIDE	11/30/2015	6.2	5.1 - 6.2	MG/L	250
MANGANESE	11/30/2015	0.026	0.017 - 0.026	MG/L	0.05
PH	11/30/2015	6.7	6.6 - 6.7	SU	8.5
SULFATE	11/30/2015	3.7	3.3 - 3.7	MG/L	250

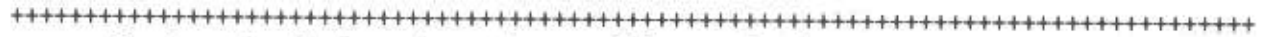
+++++Environmental Protection Agency Required Health Effects Language+++++

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other 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 guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Additional Required Health Effects Language:

Some people who drink water containing 1,1-dichloroethylene in excess of the MCL over many years could experience problems with their liver.

There are no additional required health effects violation notices.



Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit all of our customers.

We at the CITY OF BROUSSARD HWY 90 WATER SYSTEM work around the clock to provide top quality drinking water to every tap. We ask that all our customers help us protect and conserve our water sources, which are the heart of our community, our way of life, and our children's future. Please call our office if you have questions.