

TEST RESULTS

Date Printed: 3/4/2020

NE3109504

Little Blue Nrd RWD 1

Microbiological	Highest No. of Positive Samples	MCL	MCLG	Likely Source Of Contamination	Violations Present
No Detected Results were Found in the Calendar Year of 2019					

Lead and Copper	Monitoring Period	90 th Percentile	Range	Unit	AL	Sites Over AL	Likely Source Of Contamination
COPPER, FREE	2015 - 2017	0.531	0.105 - 0.594	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2015 - 2017	0.645	0.572 - 0.706	ppb	15	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.

Disinfection Byproducts	Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source Of Contamination
TOTAL HALOACETIC ACIDS (HAA5)	7/1/2018 - 6/30/2019	2.7625	2.04 - 3.48	ppb	60	0	By-product of drinking water disinfection.
TTHM	7/1/2018 - 6/30/2019	14.7775	8.91 - 20.9	ppb	80	0	By-product of drinking water disinfection.

During the 2019 calendar year, we had the below noted violation(s) of drinking water regulations.

Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2019			

The Little Blue Nrd RWD 1 has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2019 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
ARSENIC	8/22/2018	City Of Fairbury	2.27	2.27	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	7/8/2019	City Of Fairbury	0.243	0.243	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
CHROMIUM	7/8/2019	City Of Fairbury	0.836	0.836	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.
FLUORIDE	7/8/2019	City Of Fairbury	0.226	0.226	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; Fertilizer discharge.
NITRATE-NITRITE	10/22/2019	City Of Fairbury	9.84	6.37 - 9.84	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
COMBINED RADIUM (-226 & -228)	7/30/2018	City Of Fairbury	0.696	0.696	PCI/L	5	0	Erosion of natural deposits
RADIUM-226	7/30/2018	City Of Fairbury	0.696	0.696	PCI/L	0	0	Erosion of natural deposits.

Unregulated Water Quality Data	Collection Date	Water System	Highest Value	Range	Unit	Secondary MCL
SULFATE	5/20/2019	City Of Fairbury	37.3	29 - 37.3	mg/L	250

During the 2019 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

Water System	Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2019				

There are no additional required health effects notices.

There are no additional required health effects violation notices.

TEST RESULTS

Little Blue NRD RWD 1

Microbiological COLIFORM (TCR)	Highest No. of Positive Samples In the month of December, 1 sample(s) were positive	MCL	MCLG	Likely Source Of Contamination	Violations Present
		TT	N/A	Naturally present in the environment	No

Monitoring Period	90 th Percentile	Range	Unit	AL	Sites Over AL	Likely Source Of Contamination
2015 - 2017	0.531	0.105 - 0.594	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
2015 - 2017	0.645	0.572 - 0.706	ppb	15	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.

Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source Of Contamination
1/1/2018 - 12/31/2018	2.51	1.66 - 3.48	ppb	60	0	By-product of drinking water disinfection.
1/1/2018 - 12/31/2018	13.69	8.83 - 20.9	ppb	80	0	By-product of drinking water disinfection.

During the 2018 calendar year, we had the below noted violation(s) of drinking water regulations.

Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2018			

The Little Blue NRD RWD 1 has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2018 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
ARSENIC	8/22/2018	City Of Fairbury	2.27	2.27	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	4/17/2017	City Of Fairbury	0.287	0.287	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
CHROMIUM	4/17/2017	City Of Fairbury	0.95	0.95	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.
NITRATE-NITRITE	10/2/2018	City Of Fairbury	10.4	7.75 - 10.4	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks; sewage; Erosion of natural deposits.
SELENIUM	4/17/2017	City Of Fairbury	6.21	6.21	ppb	50	50	Erosion of natural deposits

Radiological Contaminants	Collection Date	Water System	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
COMBINED RADIUM (-226 & -228) RADIUM-226	7/30/2018	City Of Fairbury	0.696	0.696	pCi/L	5	0	Erosion of natural deposits
Unregulated Water Quality Data	Collection Date	Water System	Highest Value	Range	Unit	Secondary MCL		
SULFATE	7/30/2018	City Of Fairbury	36.4	33.5 - 36.4	mg/L	250		

During the 2018 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

Water System	Type	Category	Analyte	Compliance Period
City Of Fairbury	RES DISINFECT CONCENTRATION (SWTR)	TT	SWTR	08/01/2018 - 08/31/2018

TEST RESULTS

Microbiological	Highest No. of Positive Samples Found in the Calendar Year of 2017	MCL	MCLG	Likely Source Of Contamination	Violations Present		
No Detected Results were Found in the Calendar Year of 2017							
Lead and Copper	Monitoring Period	90 th Percentile	Range	Unit	AL	Sites Over AL	Likely Source Of Contamination
COPPER, FREE	2015 - 2017	0.531	0.105 - 0.594	ppm	1.3	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.
LEAD	2015 - 2017	0.645	0.572 - 0.706	ppb	15	0	Erosion of natural deposits; Leaching from wood preservatives; Corrosion of household plumbing.

Disinfection Byproducts	Monitoring Period	Highest RAA	Range	Unit	MCL	MCLG	Likely Source Of Contamination
TOTAL HALOACETIC ACIDS (HAA5)	4/1/2016 - 3/31/2017	2.1925	1.57 - 2.53	ppb	60	0	By-product of drinking water disinfection.
TTHM	4/1/2016 - 3/31/2017	11.5125	7.98 - 14.7	ppb	80	0	By-product of drinking water disinfection.

During the 2017 calendar year, we had the below noted violation(s) of drinking water regulations.

Type	Category	Analyte	Compliance Period
No Violations Occurred in the Calendar Year of 2017			

The Little Blue NRD RWD 1 has taken the following actions to return to compliance with the Nebraska Safe Drinking Water Act:

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2017 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range	Unit	MCL	MCLG	Likely Source Of Contamination
ARSENIC	9/19/2017	City Of Fairbury	1.27	1.22 - 1.27	ppb	10	0	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
BARIUM	4/17/2017	City Of Fairbury	0.287	0.287	ppm	2	2	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
CHROMIUM	4/17/2017	City Of Fairbury	0.95	0.95	ppb	100	100	Discharge from steel and pulp mills; Erosion of natural deposits.
NITRATE-NITRITE	10/16/2017	City Of Fairbury	9.85	7.35 - 9.85	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM	4/17/2017	City Of Fairbury	6.21	6.21	ppb	50	50	Erosion of natural deposits

Unregulated Water Quality Data	Collection Date	Water System	Highest Value	Range	Unit	Secondary MCL
NICKEL	7/11/2016	City Of Fairbury	0.0014	0.0014	mg/L	0.1
SULFATE	7/11/2016	City Of Fairbury	25.1	25.1	mg/L	250

During the 2017 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

Water System	Type	Category	Analyte	Compliance Period
City Of Fairbury	FAILURE MAINTAIN MICROBIAL TREAT.(LT2)	TT	LT2ESWTR	12/01/2017 - 12/31/2017
City Of Fairbury	MONITORING RTN/RPT MINOR (SWTR-FILTER)	MON	CHLORINE	12/01/2017 - 12/31/2017
City Of Fairbury	RES DISINFECT CONCENTRATION (SWTR)	TT	SWTR	12/01/2017 - 12/31/2017
Water System	Type	Category	Analyte	Compliance Period
City Of Fairbury	MONITORING RTN/RPT MAJOR (SWTR-FILTER)	MON	CHLORINE	12/01/2017 - 12/31/2017

There are no additional required health effects notices.

There are no additional required health effects violation notices.