

BIOLOGICAL EXAMINATION OF PRIVATE DRINKING WATER
 Time date of collection 0820 AM 6/9/2020
 Sampled by Jeremy Gorecki Month Day Year
 Sample Location Water Treatment plant
 Phone _____
 E-Mail rswitzer@cityofstpaulne.org

Central District Health Department
HALL • HAMILTON • MERRICK
 Fee Submitted \$ Bill

FOR LABORATORY USE ONLY
 SAMPLE NO. 139916
 DATE RECEIVED 6/9/20
950
 Sample meets bacteriological safety requirements YES / NO
 Coliform _____ / 100ml
SM 9223BPA/QT
 E. Coli _____
 Fluoride _____ mg/Liter
 Nitrate _____ mg/Liter
 Hardness 20 grains/gal
 pH _____ units
 TEST(S) BY SW Date 6/10/20
Laboratory test form Revised 3/2019

TESTS REQUESTED (check all boxes that apply)
 Coliform Bacteria Fluoride Nitrate Hardness pH

PLEASE PRINT YOUR COMPLETE ADDRESS
 Name Jeremy Gorecki
 Address 704 6th Street
 City St. Paul State NE Zip 68873

CENTRAL DISTRICT HEALTH DEPARTMENT - WATER LABORATORY 308-385-5175 www.cdhd.ne.gov
 1137 SOUTH LOCUST, GRAND ISLAND, NEBRASKA, 68801 waterlab@cdhd.ne.gov

Explanation of Test Results

Coliform (This is a present or absent test)
 • 'Absent' - No coliform bacteria found
 • 'Present' - Coliform bacteria found
 Any amount of Coliform bacteria is unsafe. Coliform bacteria may not cause disease, but may be indicators of pathogenic organisms that cause diseases.

Fluoride
 • 0.80 - 1.50 mg/l - Optimal level for cavity prevention. Most water in Nebraska contains some fluoride

Note
 • Nitrates and Bacterial contamination (coliform) cannot be detected by sight, smell, or taste.
 • The only way to know if a water supply contains bacteria or nitrates is to have it tested.

Hardness (Grains = 17.1 ppm)
 • 0-6 grains/gal - Soft water
 • 7-17 grains/gal - Moderately hard
 • 18 grains/gal + - Very hard water

Nitrate 0.0 - 10.0 mg/l - Safe
 10.1 mg/l + - Unsafe

pH - Less than pH7 - Acid
 - More than pH7 - Alkaline
 Normal range of pH in Nebraska water is between 6.5 and 8.5

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1137 S. Locust St, Grand Island, NE 68801 - P:308.385.5175 - F:308.385.5181

Revised-10/2018