

North Carolina State Laboratory of Public Health

Environmental Sciences

Inorganic Chemistry

Certificate of Analysis

4312 District Drive MSC 1918 Raleigh, NC 27699-1918

http://slph.ncpublichealth.com

Phone: 919-733-7308 Fax: 919-715-8611

FINAL REPORT

Report to: Ren Levocz Name of System:

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

LILLINGTON, NC 27546

Mariah Davis 415 River Buff Dr Dunn, NC 28334

EIN: 566000306EH

Delivery: NC Courier

StarLiMS ID: ES250724-0043

Date Collected:

07/22/2025

Time Collected:

11:00

Ren Levocz

Date Received:

07/24/2025

Time Received:

07:39

Sample Type:

Raw

2nd floor deck spigot

Well Permit No.

EH2507-0004

Sample Source: Well water

Sampling Point:

Receipt Temp.:

GPS Number:

Profile: Inorganic Chemical + Metals I

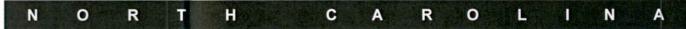
| Analyte | Test Result | Allowable Limit | Unit | Qualifier(s |
|------------------|-------------|-----------------|------|-------------|
| Arsenic | 0.002 | 0.010 | mg/L | |
| Barium | <0.1 | 2.0 | mg/L | |
| Cadmium | <0.0005 | 0.005 | mg/L | |
| Calcium | <1 | | mg/L | |
| Chloride | 49.9 | 250 | mg/L | |
| Chromium | <0.02 | 0.10 | mg/L | |
| Copper | <0.01 | 1.3 | mg/L | |
| Fluoride | 0.366 | 4.00 | mg/L | |
| Iron | <0.06 | 0.300 | mg/L | |
| Lead | <0.003 | 0.015 | mg/L | |
| Magnesium | <1 | | mg/L | |
| Manganese | < 0.005 | 0.05 | mg/L | |
| Mercury | <0.0004 | 0.002 | mg/L | |
| Nickel | <0.01 | 0.1 | mg/L | |
| pН | 8.2 | | N/A | |
| Selenium | <0.005 | 0.05 | mg/L | |
| Silver | <0.01 | 0.10 | mg/L | |
| Sodium | 135 | | mg/L | |
| Sulfate | 31.0 | 250 | mg/L | |
| Total Alkalinity | 183 | | mg/L | |
| Total Hardness | <7 | | mg/L | |
| Zinc | <0.05 | 5.0 | mg/L | |

Report Date:

08/07/2025

Reported By:

Marc Komlos





Private Well Information and Use Recommendations

| Division of Public Health | For Inorgan | nic Chemical Contam | inants |
|---|---|---|--------------------|
| County: Harnett | Sample Name: Mariah | Pav: | |
| Sample ID #: E \$ 2 50724.0043 | Reviewer: MACC | Kom 105 | |
| TEST I 1. Your well water meets federal drawing, cooking, washing, cleaning, have other water sampling results that | bathing, and showering based on th | nic chemicals. Your water can be use inorganic chemical results only | |
| 2. The following substance(s) exce levels. The North Carolina Division of and cooking unless you install a water used for washing, cleaning, bathing, and | eded federal drinking water standar of Public Health recommends that er treatment system to remove the and showering based on the <i>inorgan</i> | rds or the North Carolina 2L calcul t your well water not be used for checked substance(s). However, it | drinking |
| ☐Arsenic ☐Barium ☐ ☐Lead ☐ Manganese ☐ Zinc | □ Cadmium □ Chromium □ Mercury □ Nickel | ☐ Copper ☐ Fluoride ☐ Nitrate/Nitrite ☐ Selenium | □Iron □Silver |
| 3. While your lead levels do not exconcerns with any detection of lead. SI Program at (919) 707 - 5900. | | | |
| 4. Re-sample for lead and /or coppe | er. Take a first draw and 30-second | I flush sample inside the house (pre | ferably the |
| kitchen sink) and a first draw and 4 mil or copper. | nutes flush sample at the wellhead | to determine the source of the lead | and/ |
| 5. The following substance(s) exceed cooking, washing, cleaning, bathing, a such as bad taste, odor, staining of porto address aesthetic problems. | nd showering based on the inorgan | nic chemical results only, but aesth | etic problems |
| □Chloride □Copper □Silver | ☐Flouride ☐Iron ☐Zinc | Manganese | |
| 6. a. Sodium levels exceed the U.S 20 mg/l. The North Carolina Division diets not use this water for drinking or the <i>inorganic chemical results only</i> . | of Public Health recommends that | only individuals on no or low sodi | um-restricted |
| □b. Your sodium level exceeds 30 |) mg/L and may pose aesthetic issu | nes such as bad taste, odor, staining | of porcelain, etc. |
| 7. Re-sampling is recommended i | nmonths, to reinves | stigate | |