North Lauderdale Water Association



2023 Drinking Water Quality Report PWS ID# MS0380006 18 June 2024

The North Lauderdale Water Association presents our annual Water Quality / Consumer Confidence Report (CCR) for the period of January 1 through December 31, 2023. Our mission is to consistently provide our members with healthful, high-quality drinking water. Our system recently received its 9th consecutive perfect score on our annual MS Department of Health management inspection. Our water quality is tested far more frequently (4 times a day) and thoroughly (for more than 70 substances) than bottled water from the supermarket. Your NLWA drinking water meets all state and federal standards with zero violations.

NLWA water is drawn from 5 wells that tap the Lower Wilcox Aquifer at depths between 450 and 650 feet. The MS Department of Health has performed a source water assessment for each well and these can be viewed on request at the NLWA main office. Our water supply is ranked low to moderate for susceptibility to contamination.

The Environmental Protection Agency (EPA) requires testing for many substances at various intervals from every month to every 9 years. The table below shows the most recent results of each type of water test. Sample counts with an asterisk (*) refer to tests performed before 2023. As water travels over land or underground, it can pick up substances such as microbes, inorganic and organic chemicals, and radioactive elements. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some of these substances. As testing technology improves, smaller amounts become detectable. The presence of these substances in small amounts does not necessarily pose a health risk.

| Lead and Copper – Tested every 3 years at faucets in members' homes (2022) | | | | | | | | | | | | |
|--|---|---------------------|------------------------------|----------------------------|------------------|-----------|--|--|--|--|--|--|
| Substance | Upper Limit (AL) | Threshold (MCLG) | 90% of Tests Less Than | Samples Above Limits | Total Samples | Violation | Typical Sources | | | | | |
| Lead | 15 ppb | 0 | 1.0 ppb | 0 | 20* | No | Corrosion of household plumbing Leaching of natural mineral deposits | | | | | |
| Copper | 1.3 ppm | 1.3 ppm | 0.3 ppm | 0 | 20* | No | Corrosion of household plumbing Leaching of natural mineral deposits Leaching from wood preservatives | | | | | |
| Microbial – Tested monthly at distribution system sampling points | | | | | | | | | | | | |
| Туре | Upper Limit (MCL) | Threshold (MCLG) | Highest Rate | Positive Samples | Total Samples | Violation | Typical Sources | | | | | |
| Coliform | 1 pos/mo | 0 pos/mo | 0 pos/mo | 0 | 120 | No | Naturally present in environment Livestock & agriculture runoff External contamination at sample tap | | | | | |
| Chemical 8 | hemical & Radiological – Tested regularly in treatment plants and distribution system sampling points | | | | | | | | | | | |
| | Upper Limit (MCL/AL) | Threshold (MCLG) | Range of Test | | Total | | | | | | | |
| Substance | | | Low | uits Hiah | Samples | violation | i ypicai Sources | | | | | |
| Antimony | 6.0 ppb | 0.5 ppb | No Detect | No Detect | 3* | No | Petroleum refineries Electronics-==================================== | | | | | |
| Arsenic | 10 ppb | 0.5 ppb | No Detect | No Detect | 3* | No | Leaching of natural mineral deposits Runoff from orchards Glass and electronics factories | | | | | |
| Barium | 2.0 ppm | 2.0 ppm | 0.069 ppm | 0.089ppm | 3* | No | Leaching of natural mineral deposits Drilling wastes Metal refineries | | | | | |
| Beryllium | 4.0 ppb | 4.0 ppb | No Detect | No Detect | 3* | No | Metal fabrication and coatings Coal-burning plants | | | | | |
| Cadmium | 5.0 ppb | 5.0 ppb | No Detect | No Detect | 3* | No | Metal fabrication and coatings Cement and power plants Tanning and leather work | | | | | |
| Chloride | 250 ppm | NA | 9.2 ppm | 9.2 ppm | 1* | No | Leaching of natural mineral deposits | | | | | |
| Chromium | 100 ppb | 100 ppb | No Detect | No Detect | 3* | No | Leaching of natural mineral deposits Metal fabrication and coatings | | | | | |
| Cyanide | 200 ppb | 200 ppb | No Detect | No Detect | 4* | No | Discharge from metal, plastic, fertilizer plants | | | | | |
| Gross Alpha | 15 pCi/L | 0 | 1.0 pCi/L | 1.5 pCi/L | 4* | No | Leaching of natural mineral deposits | | | | | |
| Iron | 300 ppb | NA | 58 ppb | 58 ppb | 1* | No | Leaching of natural mineral deposits | | | | | |
| Manganese | NA | 50 ppb | 1.4 ppb | 15 ppb | 3* | No | Leaching of natural mineral deposits Steel production Dietary supplement | | | | | |
| Mercury | 2.0 ppb | 2.0 ppb | No Detect | No Detect | 3* | No | Leaching of natural mineral deposits Coal-burning plants Cropland runoff & factory discharge | | | | | |
| Nickel | N/A | 5.0 ppb | No Detect | No Detect | 3* | No | Leaching of natural mineral deposits | | | | | |

| Radiani, roci | 5 pCI/L | | 0 | 0.4 pCI/I | - 4.0 pCl/ | L 4" | INO | Leach | ng of natural mineral deposits | |
|--|---|---|---|---|---|--|--|--|--|--|
| Nitrate | 10 ppm | 10 |) ppm | No Deteo | t No Dete | ect 4 | No | Runof | from fertilizer use | |
| Nitrate-Nitrite 10 ppm 10 pr | | |) ppm | No Deteo | t No Dete | ect 4 | No | Leakin | g septic tanks, sewage | |
| Nitrite 1 ppm 1 ppr | | | ppm | No Deteo | t No Dete | ect 4 | No | Leachi | ng of natural mineral deposits | |
| Selenium | 50 ppb | 5 | 0 ppb | No Deteo | t No Dete | ect 3* | No | Leachi | ng of natural mineral deposits | |
| Sulfate | Sulfate 250 ppm NA | | NA | 5.6 ppm | 5.6 ppr | n 1* | No | Leachi | Leaching of natural mineral deposits | |
| Thallium Tot 2.0 ppb 0.5 p | | | Epph | No Doto | | act 2* | No | Leachi | Leaching of natural mineral deposits | |
| manum, rot. | 2.0 ppp | 0. | o hhn | NO DELEC | I NO DELECT J | | NO | • Electro | onics, glass, drug factories | |
| Volatile Or | ganic Com | pour | nds – Tes | sted ever | / six years | (2022) | | | | |
| | | | I | | Range of Test | | | | | |
| S | ubstance | | Uppe | er Limit | Results | | Total | Violation | Typical Sources | |
| | | | (" | | Low | Hiah | Samples | | ., | |
| | Benzene | | 5.0 |) ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| Chlo | oroBenzene | | 10 |) dad (| No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| Etł | vlBenzene | | 70 |) ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| O-DichloroBenzene | | | 60 |) ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| P-DichloroBenzene | | | 75 | ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| 1.2.4-TrichloroBenzene | | | 70 | ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| Carbor | Carbon TetraChloride | | |) nnh | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| Vin | vl Chloride | <u> </u> | 2 (|) nnh | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| 1 2-D | chloroEthane | | 5 (|) nnh | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| 1 1 1-T | richloroEthane | <u>د</u> | 200 |) nnh | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| 1 1 2-T | richloroEthan | <u>-</u> د | 5 (|) nnh | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| Trans-1 2 | -DichloroEthyl | - one | 10 |) ppb | No Detect | No Detect | 4* | No | Industrial & commercial processes | |
| | DichloroEthyle | no | 70 | nnh | No Detect | No Detect | <u>т</u> | No | Industrial & commercial processes | |
| 1 1-Di | bloroEthylong | | 70 |) ppb | No Detect | No Detect | т /* | No | Industrial & commercial processes | |
| I,I-Di | bloroEthylopo | | 7.0 | | No Detect | No Detect | т /* | No | Industrial & commercial processes | |
| Trich | loroEthylopo | | 5.0 | | No Detect | No Detect | 4 · /* | No | Industrial & commercial processes | |
| Dich | oroMothana | | 5.0 |) ppb | No Detect | No Detect | 4 · | No | Industrial & commercial processes | |
| | olometriarie | | 5.0 | 5.0 ppb 1 | | No Detect | 4* | No | Industrial & commercial processes | |
| 1,2-DI | Chiropo | | 5.0 | 100 ppb N | | No Detect | 4 | No | Industrial & commercial processes | |
| | Toluono | | 1.0 | | | No Detect | 4 | No | Industrial & commercial processes | |
| Vul | non Total | | 1.0 | ppin | No Detect | No Detect No Detect | | No | Industrial & commercial processes | |
| Луг | enes, rotai | | 10 | | NO DELECL | NO DELECT | 4 | NO | | |
| water Trea | tment & B | sy-Pr | oaucts | - Produce | ed by man | datory chem | nical treatr | nent | | |
| | Upper Li | nit T | hreshold | Rang | e of Test | Total | | | | |
| Substance | | | | ĸ | esuits | Sample | Violatio | on | Typical Sources | |
| | (MCL) | | (MCLG) | | | Jailine | 3 | | ., | |
| | (MCL) | | (MCLG) | Low | High | Sample | 3 | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Chloring | 4.0 ppm | ı | | Low 1.66 ppr | High | m 120 | 5 No |) Mator | | |
| Chlorine | 4.0 ppn MRDL | ı | N/A | Low 1.66 ppr Highest (| High 3.14 pp Quarterly RA | m A 120 | No | • Water | additive used for disinfection | |
| Chlorine | 4.0 ppm MRDL | 1 | N/A | Low 1.66 ppr Highest (2.1 | High a 3.14 pp Quarterly RA 20 ppm | m A 120 | No | •Water | additive used for disinfection | |
| Chlorine Fluoride | 4.0 ppm MRDL 4.0 ppm | ו ו | N/A N/A | Low 1.66 ppr Highest (2.2 No Deteo | High a 3.14 pp Quarterly RA 20 ppm t No Dete | m AA 120 ect 3* | No No | Water Leachi Ry pro | additive used for disinfection | |
| Chlorine Fluoride Haloacetic Acid | 4.0 ppm MRDL 4.0 ppm s 60 ppb | ו ו | N/A N/A N/A N/A | Low 1.66 ppr Highest (2.7 No Detect 2.72 ppt | High 3.14 pp Quarterly RA 20 ppm t No Dete 0 2.72 pp | m AA 120 ect 3* b 2 | No No No | Water Leachi By-pro (HAA5) | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination | |
| Chlorine Fluoride Haloacetic Acid | 4.0 ppm MRDL 4.0 ppm s 60 ppb | ו ו ו | N/A N/A N/A N/A | Low 1.66 ppr Highest (2.7 No Detection 2.72 ppt | High 1 3.14 pp Quarterly RA 20 ppm t No Deter 2.72 pp t No Deter | m AA 120 act 3* b 2 | No No No | •Water •Leachi •By-pro (HAA5) •By-pro | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane | (MCL) 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb | ו ו ו | N/A N/A N/A N/A | Low 1.66 ppr Highest (2.7 No Detection No Detection No Detection | High13.14 ppQuarterly RA20 ppm20 ttNo Dete20 2.72 ppttNo Dete | m AA 120 ect 3* b 2 ect 2 | No No No No | •Water •Leachi •By-pro (HAA5) •By-pro (TTHM) | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane | 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamina | n n ants - | N/A N/A N/A N/A - Monitore | Low 1.66 ppr Highest (2.7 No Detect No Detect ed by EPA | High a 3.14 pp Quarterly RA 20 ppm tt No Dete a 2.72 pp tt No Dete to determ | m AA 120 act 3* ab 2 act 2 hine if future | No No No No e regulatio | •Water •Leachi •By-pro (HAA5) •By-pro (TTHM) ns are_wa | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine | 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamina | n n ants - | N/A N/A N/A N/A - Monitore | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect ed by EPA | High 1 3.14 pp Quarterly RA 20 ppm tt No Dete 2.72 pp tt No Dete to determ | m AA 120 act 3* b 2 act 2 hine if future | No No No No e regulatio | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid | 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamina s NA | n n ants - | N/A N/A N/A N/A - Monitore NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect ed by EPA 0.89 ppl | High13.14 ppQuarterly RA20 ppm21No Dete202.72 pp21No Dete221.03 pp | mAA120act3*ab2act2act2act4* | No No No No regulatio No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid | 4.0 ppm 4.0 ppm 4.0 ppm 5 60 ppb 80 ppb Contamination NA | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | N/A N/A N/A N/A Monitore NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect d by EPA 0.89 ppl | High a 3.14 pp Quarterly RA 20 ppm tt No Dete b 2.72 pp tt No Dete to determ b 1.03 pp | m120act3*ab2act2act2act4* | No No No No regulatio No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. | <pre>4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamina s NA 5, NA</pre> | ants - | N/A N/A N/A N/A Monitore NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect 0.89 ppl 1.50 ppl | High13.14 pp20 ppm20 ppm21 No Deter20 2.72 pp22 No Deter2.72 pp23 to determ1.03 pp24 1.81 pp | mAA120act3*ab2act2act2act4*ab4* | No No No No regulatio No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium | <pre> (MCL) 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamina s NA 5, NA NA </pre> | ants - | N/A N/A N/A N/A - Monitore NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect 0.89 ppl 1.50 ppl 12.1 ppr | High13.14 pp20 ppm20 ppm21 No Deter20 2.72 pp22 No Deter2.72 pp23 to determ1.03 pp24 1.81 pp1.81 pp25 12.1 pp12.1 pp | mAA120ect3*ab2ect2act2act4*ab4*ab4*m1* | No No No No regulatio No No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium | 4.0 ppm 4.0 ppm 4.0 ppm 5 60 ppb Contamina S NA NA NA NA | ants - | N/A N/A N/A N/A - Monitore NA NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect 0.89 ppl 1.50 ppl 12.1 ppr 1.8 ppm | High13.14 pp20 ppm20 ppm21 No Dete22 2.72 pp21 No Dete22 1.02 pp23 1.03 pp24 1.03 pp25 1.81 pp26 1.81 pp27 1.8 pp28 1.8 pp | m 120 act 3* ab 2 act 2 act 2 act 2 act 2 act 4* ab 4* m 1* n 1* | No No No Pregulatio No No No No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium | (MCL) 4.0 ppm MRDL 4.0 ppm s 60 ppb s 80 ppb Contamination S NA S NA NA NA NA NA NA | ants - | N/A N/A N/A N/A - Monitore NA NA NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect No Detect 0.89 ppl 1.50 ppl 12.1 ppr 1.8 ppm 5.4 ppr | High 1 3.14 pp 20 ppm 21 No Dete 22 2.72 pp 23 1.03 pp 24 1.03 pp 25 1.81 pp 26 1.81 pp 27 1.81 pp 29 1.81 pp 20 5.4 pp | m 120 act 3* ab 2 act 2 act 2 act 2 act 2 act 4* ab 4* ab 4* act 1* | No No No regulatio No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • Leachi • Leachi • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits ng of natural mineral deposits ng of natural mineral deposits | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium Sodium | 4.0 ppm 4.0 ppm 4.0 ppm s 60 ppb s 80 ppb Contamina s NA Sr NA NA NA NA NA NA NA | ants - | N/A N/A N/A N/A N/A NA NA NA NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect 2.72 ppl No Detect 0.89 ppl 1.50 ppl 12.1 ppr 1.8 ppm 5.4 ppm 11.0 ppr | High 1 3.14 pp 20 ppm 21 No Dete 22 2.72 pp 23 1.03 pp 24 1.03 pp 25 1.81 pp 26 1.81 pp 27 1.81 pp 29 1.8 ppr 20 1.9 pp | m 120 act 3* ab 2 act 4* act 1* act 1* act 1* | No No No regulatio No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • Leachi • Leachi • Leachi • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium Sodium | image: fille 4.0 ppm 4.0 ppm s 60 ppb s 80 ppb contamina s NA s NA NA NA NA NA NA NA | ants - | N/A N/A N/A N/A N/A NA NA NA NA NA NA NA MA NA NA | Low 1.66 ppr Highest (2.72 ppl No Detect 2.72 ppl No Detect 0.89 ppl 1.50 ppl 12.1 ppr 1.8 ppm 5.4 ppm 11.0 ppr r (mg/l) | High 1 3.14 pp 20 ppm 20 ppm 21 No Dete 22 2.72 pp 23 2.72 pp 24 No Dete 25 2.72 pp 26 1.03 pp 27 1.81 pp 28 1.81 pp 29 1.8 pp 26 5.4 pp 27 19.6 pp | m 120 act 3* ab 2 act 3 act 3 act 3 act 3 | No No No No Pregulatio No No No No No No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Unregulated Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium Sodium Parts per mill Parts per billi | image: fille 4.0 ppm 4.0 ppm s 60 ppb is 80 ppb contamina s NA s NA in NA in (ppm) or mon (ppb) or m | nilligra | N/A N/A N/A N/A N/A NA NA NA NA NA MA MA NA MA MA MA MA MA MA MA MA MA MA MA MA MA | Low 1.66 ppr Highest (2.72 ppl No Detect 2.72 ppl No Detect 0.89 ppl 1.50 ppl 1.50 ppl 12.1 ppr 1.8 ppm 5.4 ppm 11.0 ppr r (mg/L) = r (ug/L) = | High13.14 pp20 ppm20 ppm21 No Dete22 2.72 pp21 No Dete22 1.72 pp23 1.03 pp24 1.03 pp25 1.81 pp26 1.81 pp27 1.81 pp28 1.81 pp29 1.81 pp29 1.81 pp29 1.81 pp20 1.81 pp20 1.81 pp20 1.81 pp21 1.81 pp22 1.81 pp23 1.81 pp24 1.81 pp25 1.81 pp25 1.81 pp25 1.81 pp26 1.81 pp27 1.81 pp28 1.81 pp29 1.81 pp39 1.81 pp30 1.81 pp30 1.81 pp30 1.81 pp31 1.81 pp< | m 120 act 3* ab 2 act 4* act 1* b 1* b 1* b 1* b 1* b 1* b | No No No No Pregulatio No No No No No No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits cent sample was before 2023 | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium Sodium • Parts per mill • Parts per billi • AL = Action L | 4.0 ppm 4.0 ppm 4.0 ppm s 60 ppb s 80 ppb Contamina s NA S | nilligra | N/A N/A N/A N/A N/A NA NA NA NA NA MA MA MA MA MA MA MA MA MA MA MA MA MA | Low 1.66 ppr Highest (2.72 ppl No Detect 2.72 ppl No Detect 0.89 ppl 1.50 ppl 1.50 ppl 12.1 ppr 1.8 ppm 5.4 ppm 11.0 ppr r (mg/L) = t which tr | High13.14 pp20 ppm20 ppm21 No Dete22 2.72 pp21 No Dete22 2.72 pp23 2.72 pp24 2.72 pp25 2.72 pp26 2.72 pp27 2 pp28 2.72 pp29 2.72 pp29 2.72 pp20 1.03 pp20 1.03 pp20 1.03 pp20 1.81 pp1.81 pp1.81 pp1.81 pp1.81 pp1.81 pp1.81 pp1.96 ppe one drop isone drop is <t< td=""><td>m 120 act 3* ab 2 act 3 act 3 act 3 act 3</td><td>No No No No Pregulatio No No No No No No No No No</td><td>• Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA5 • Leachi • Leachi</td><td>additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits cent sample was before 2023 y the water system</td></t<> | m 120 act 3* ab 2 act 3 act 3 act 3 act 3 | No No No No Pregulatio No No No No No No No No No | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA5 • Leachi | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits cent sample was before 2023 y the water system | |
| Chlorine Fluoride Haloacetic Acid Trihalomethane Bromine Haloacetic Acid Haloacetic Acid Tot. Calcium Magnesium Potassium Sodium Parts per mill Parts per billi AL = Action L MCL = Maxim | 4.0 ppm 4.0 ppm 4.0 ppm s 60 ppb es 80 ppb Contamina s NA | nilligra icrogra | N/A N/A N/A N/A N/A NA NA NA NA NA MA MA MA MA MA MA NA MA Contaminar Vel: the hig | Low 1.66 ppr Highest (2.72 ppl No Detect 2.72 ppl No Detect d by EPA 0.89 ppl 1.50 ppl 12.1 ppr 1.8 ppr 5.4 ppr 11.0 ppr r (mg/L) = t which tr ghest level | High 1 3.14 pp 20 ppm 20 ppm 21 No Dete 22 2.72 pp 23 2.72 pp 24 No Dete 25 2.72 pp 26 1.03 pp 27 1.03 pp 28 1.81 pp 29 1.81 pp 20 1.81 pp 27 1.81 pp 29 1.81 pp 20 1.96 pp 20 one drop in 20 one drop in 20 one drop in | m 120 act 3* ab 2 act 3 act | No No No No No No No No No No No No No N | • Water • Leachi • By-pro (HAA5) • By-pro (TTHM) ns are wa • By-pro (HAA6B • By-pro (HAA6B • By-pro (HAA5 • Leachi • | additive used for disinfection ng of natural mineral deposits ducts of drinking water chlorination ducts of drinking water chlorination rranted ducts of drinking water chlorination r) ducts of drinking water chlorination + HAA6Br) ng of natural mineral deposits ng of natural mineral deposits cent sample was before 2023 y the water system ater | |
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• pCi/L = Picocuries of Radioactivity per Liter

Violations: NONE Exceedances: NONE Variances: NONE Deficiencies: NONE Exemptions: NONE

Fluoride: NLWA no longer adds fluoride to your drinking water. If you believe you need fluoride supplements for your continued oral health, please contact your local dentist or healthcare provider for further information.

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with customer service lines and home plumbing. North Lauderdale Water Association has no lead in our plants or pipes, but we have no control of the materials used in customer plumbing components. Those with lead or copper in their pipes can minimize the potential for heavy metal exposure by running a tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may request to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at www.epa.gov/safewater/lead. The Public Health Laboratory of the Mississippi State Department of Health offers lead and other contaminant testing. Please contact 601-576-7582 to request the state lab to test your water.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as those 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 national Safe Drinking Water Hotline (1-800-426-4791).

If you have any questions about this report or concerning your NLWA water quality, please contact the Senior Waterworks Operator, Darin Billheimer, at 601-681-6157, review the documents posted on our web page at <u>nlwa.ms</u>, join our Facebook page at <u>www.facebook.com/northlauderdalewater</u>, or attend any of our regularly scheduled board meetings on the second Thursday of each month at the NLWA main office located at 9709 Mount Carmel Road, Bailey MS 39320.

Sincerely, Todd "Ike" Kiefer President

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