

2025 Consumer Confidence Report

REBECCA LANE

PWS ID #0512080

Introduction

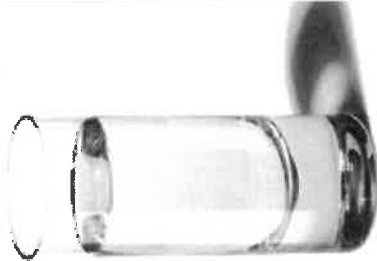
As a responsible public water system (PWS), our mission is to deliver the best-quality drinking water and reliable service at the lowest, appropriate cost.

Aging infrastructure presents challenges for maintaining safe quality drinking water and continuous improvements are necessary. When considering the high value placed on quality drinking water, it is truly a bargain to have water service that protects public health, fights fires, supports businesses and the economy, and ensures high-quality drinking water is always available at your tap.

What is a Consumer Confidence Report?

The Consumer Confidence Report (CCR) details the quality of your drinking water, where it comes from, and how to get more information. This annual report documents all detected primary and secondary drinking water contaminants and their respective standards known as Maximum Contaminant Levels (MCLs).

NOW IT COMES WITH A LIST OF INGREDIENTS.



The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- **Contaminant**, any physical, chemical, biological, or radiological substance or matter in water.
- **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- **Pesticides**, generally, any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest.
- **Herbicides**, any chemical(s) used to control undesirable vegetation.
- **Organic chemical contaminants**, including petroleum and polyfluoroalkyl substances, synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The US Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

What is the source of my drinking water?

Rebecca Lane obtains its water from one gravel-packed well, GPW 2. GPW 2 is 75 feet deep with a 120 gallon-per-minute yield.

Construction of an addition to the pump house was completed in September, 2024. At that time, a new storage tank and two new variable speed booster pumps were installed.

Water is treated for corrosion control by the addition of potassium carbonate.

Why are contaminants in my water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily mean that water poses a health risk. More information about contaminants and potential health effects can be obtained by contacting the Environmental Protection Agency by calling the Safe Drinking Water Hotline (800-426-4791) or visit the website epa.gov/safewater.

Do I need to take special precautions?

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 at 1-800-426-4791.

Lead Service Line Inventory

A service line inventory has been prepared by Arcadis and can be accessed by contacting Brian Desmarais, President of Rebecca Lane Water System, at (978) 360-6886.

Corrosion control efforts consist of adding potassium carbonate to the water.

Source Water Assessment Summary

NHDES prepared drinking water source assessment reports for all public water systems from 2000 to 2003. The report includes a map of each source water protection area, list of potential and known contamination sources, and summary of available protection options. Results of the assessment, prepared on April 25, 2002, are noted below, if an assessment was completed. Some ratings may differ if updated to reflect current information.

- GPW 2 received **1 high** susceptibility rating, **2 medium** susceptibility ratings, and **9 low** susceptibility ratings.

The complete Assessment Report is available for review at F. X. Lyons, Inc. For more information, call F. X. Lyons at (603) 356-6767, email compliance@fxlyons.com, or visit the [NHDES website](#).

How can I get involved?

For more information about your drinking water, please call F. X. Lyons, Inc., at (603) 356-6767 or call Brian Desmarais, President of Rebecca Lane Water System, at (978) 360-6886. Although we do not have specific dates for public participation events, feel free to contact us with your questions.

Violations and Other information:

See violation list in table below.

Definitions

Ambient Groundwater Quality Standard or AGQS: The maximum concentration levels for contaminants in groundwater that are established under RSA 485-C, the Groundwater Protection Act.

Action Level or AL: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Level I Assessment: A study of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system

Level II Assessment: A very detailed study of the water system to identify potential problems and determine, if possible, why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal or MCLG: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Drinking Water Contaminants:

Lead: Lead can cause serious health effects in people of all ages, especially pregnant people, infants (both formula-fed and breastfed), and young children.

Lead in drinking water is primarily from materials and parts used in service lines and in home plumbing. Rebecca Lane is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in the plumbing in your home. Because lead levels may vary over time, lead exposure is possible even when your tap sampling results do not detect lead at one point in time. You can help protect yourself and your family by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Using a filter, certified by an American National Standards Institute accredited certifier to reduce lead, is effective in reducing lead exposures. Follow the instructions provided with the filter to ensure the filter is used properly. Use only cold water for drinking, cooking, and making baby formula. Boiling water does not remove lead from water. Before using tap water for drinking, cooking, or making baby formula, flush your pipes for several minutes. You can do this by running your tap, taking

a shower, doing laundry or a load of dishes. If you have a lead service line or galvanized requiring replacement service line, you may need to flush your pipes for a longer period. If you are concerned about lead in your water and wish to have your water tested, contact Brian Desmarais, President of Rebecca Lane Water System, at (978) 360-6886.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <https://www.epa.gov/safewater/lead>.

Health Effects of Lead Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.

Abbreviations:

BDL: Below Detection Limit

NA: Not Applicable

ND: Not Detectable at testing limits

NTU: Nephelometric Turbidity Unit

pCi/L: picoCurie per Liter

ppb: parts per billion OR ug/L: micrograms per Liter

ppm: parts per million OR mg/L: milligrams per Liter

ppq: parts per quadrillion

RAA: Running Annual Average

TTHM: Total Trihalomethanes

UCMR: Unregulated Contaminant Monitoring Rule

Please share this information with all the other people who have children that drink this water, especially those who may not have received this notice directly (for example; people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

2025 Report (2024 Data)

SIGNIFICANT DEFICIENCY					
Significant deficiency description and date of sanitary survey		Source of <i>E. coli</i>	Date deficiency was addressed or corrected	Approved plan and timeframe for correction	Health Effects (Env-Dw 804)
4/13/22 Hydropneumatic Tank Disconnection – The current hydropneumatic tank, although valved off, needs to be completely cut off from the water system. This is to prevent leaks into or out of the tank and to prevent any dead ends where the water is not being used.		N/A	Closed 12/31/24	The hydropneumatic tank has been abandoned. The deficiency was closed.	

LEAD AND COPPER								
Contaminant (Units)	Action Level (AL)	90 th percentile sample value	Date	# of sites above AL	Range of tap sampling results	Exceedance Yes/No	Likely Source of Contamination	Health Effects of Contaminant
Copper (ppm)	1.3	0.276	9/19-9/21/24	0	0.0244-0.349	NO	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor. Exposure to lead in drinking water can cause serious health effects in all age groups. Infants and children can have decreases in IQ and attention span. Lead exposure can lead to new learning and behavior problems or exacerbate existing learning and behavior problems. The children of women who are exposed to lead before or during pregnancy can have increased risk of these adverse health effects. Adults can have increased risks of heart disease, high blood pressure, kidney or nervous system problems.
Lead (ppb)	15	4	9/19-9/21/24	0	ND-6.5	NO	Corrosion of household plumbing systems, erosion of natural deposits	Lead can enter your water from pipes that bring the water to your home and from your home internal plumbing. Always flush your tap by running cold water for one minute before using every morning and after you've been away from home for the day. Use only cold water for drinking and cooking. In addition, our GetTheLeadOutNH program ensures that all K-12 schools and child care facilities in the state test for lead at every outlet where children drink the water and remediate any fixture testing at 5 ppb lead or higher.

DETECTED WATER QUALITY RESULTS

Inorganic Contaminants

Contaminant (Units)	Level Detected	Date	MCL	MCLG	Violation YES/NO	Likely Source of Contamination	Health Effects of Contaminant
Barium (ppm)	0.0258	1/17/24	2	2	NO	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	Some people who drink water containing barium in excess of the MCL over many years could experience an increase in their blood pressure.
Chromium (ppb)	1.3	1/17/24	100	100	NO	Discharge from steel and pulp mills; erosion of natural deposits	Some people who use water containing chromium well in excess of the MCL over many years could experience allergic dermatitis.
Nitrate (as Nitrogen) (ppm)	0.88	1/17/24	10	10	NO	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	(5 ppm through 10ppm) Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider. (Above 10 ppm) Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue baby syndrome.

SECONDARY CONTAMINANTS

Secondary MCLs (SMCL)	Level Detected	Date	Treatment technique (if any)	SMCL	50 % AGQS (Ambient groundwater quality standard)	AGQS (Ambient groundwater quality standard)	Specific contaminant criteria and reason for monitoring
Chloride (ppm)	194	1/17/24	N/A	250	N/A	N/A	Wastewater, road salt, water softeners, corrosion
Iron (ppm)	0.036	1/17/24	N/A	0.3	N/A	N/A	Geological
Manganese (ppm)	0.0175	1/17/24	N/A	0.05	0.15	0.3	Geological
Nickel (ppm)	0.0011	1/17/24	N/A	Not established; reporting is required for detections	0.05	0.1	Geological; electroplating, battery production, ceramics
pH	5.84	1/17/24	N/A	6.5-8.5 (Normal Range)	N/A	N/A	Precipitation and geology
Sodium (ppm)	111	1/17/24	N/A	100-250	N/A	N/A	We are required to regularly sample for sodium
Sulfate (ppm)	4	1/17/24	N/A	250	250	500	Naturally occurring
Zinc (ppm)	0.0410	1/17/24	N/A	5	N/A	N/A	Galvanized pipes