# SOUTHERN JACKSON COUNTY P S D
# WV3301817
# Consumer Confidence Report – 2026
# Covering Calendar Year – 2025

This brochure is a snapshot of the quality of the water that we provided last year. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. If you would like to observe the decision-making process that affects drinking water quality or if you have any questions, comments or suggestions, please attend any regularly scheduled water board meeting held on the ***second Thursday*** of each month at ***5:30 PM*** in the ***PSD Office*** or call **TIMOTHY BAILEY** at 304-372-2622.

Our drinking water is supplied from another water system through a Consecutive Connection (CC). To find out more about our drinking water sources and additional chemical sampling results, please contact our office at the number provided above. Your water comes from Surface water:

| Source Name | Source Water Type |
|---|---|
| CC FROM WV3301811 RIPLEY CITY OF | Surface water |

| Buyer Name | Seller Name |
|---|---|
| WV3301817 - SOUTHERN JACKSON COUNTY P S D | RIPLEY CITY OF |

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised 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 Safe Drinking Water Hotline (800-426-4791).

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 indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) included 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 sources water before we treat it include:
*Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, 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 and herbicides*, which may come from a variety of sources such as storm water run-off, agriculture, and residential users.
*Radioactive contaminants*, which can be naturally occurring or the result of mining activity.
*Organic contaminants*, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulation which limits the amount of certain contaminants in water provided by public water systems. We treat our water according to EPA's regulations. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Our water system has an estimated population of 6070 and is required to test a minimum of 6 sample(s) per month in accordance with the Total Coliform Rule for microbiological contaminants. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public.

## Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2025 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1- December 31, 2025. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old.

## Terms & Abbreviations

**Maximum Contaminant Level Goal (MCLG)**: the "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLGs allow for a margin of safety.
**Maximum Contaminant Level (MCL)**: the "Maximum Allowed" is 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.
**Secondary Maximum Contaminant Level (SMCL):** recommended level for a contaminant that is not regulated and has no MCL.
**Action Level (AL)**: the concentration of a contaminant that, if exceeded, triggers treatment or other requirements.
**Treatment Technique (TT)**: a required process intended to reduce levels of a contaminant in drinking water.
**Maximum Residual Disinfectant Level (MRDL)**: the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
**Non-Detects (ND)**: lab analysis indicates that the contaminant is not present.
**Parts per Million (ppm):** or milligrams per liter (mg/L)
**Parts per Billion (ppb):** or micrograms per liter (µg/L)
**Picocuries per Liter (pCi/L)**: a measure of the radioactivity in water.
**Millirems per Year (mrem/yr)**: measure of radiation absorbed by the body.
**Monitoring Period Average (MPA):** An average of sample results obtained during a defined time frame, common examples of monitoring periods are monthly, quarterly and yearly.
**Nephelometric Turbidity Unit (NTU)**: a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. Turbidity is not regulated for groundwater systems.
**Running Annual Average (RAA):** an average of sample results obtained over the most current 12 months and used to determine compliance with MCLs.
**Locational Running Annual Average (LRAA):** Average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

### Testing Results for: SOUTHERN JACKSON COUNTY P S D

| Disinfection Byproducts | Sample Point | Collection Date | Highest LRAA Value | Range (low/high) | Unit | MCL | MCLG | Typical Source |
|---|---|---|---|---|---|---|---|---|
| TOTAL HALOACETIC ACIDS (HAA5) | END OF RT. 21 | 2025 | 46 | 76 - 76 | ppb | 60 | 0 | By-product of drinking water disinfection |
| TOTAL HALOACETIC ACIDS (HAA5) | KENTUCK METER (WHITE PINES) | 2025 | 41 | 60 - 60 | ppb | 60 | 0 | By-product of drinking water disinfection |
| TTHM | END OF RT. 21 | 2025 | 50 | 78 - 78 | ppb | 80 | 0 | By-product of drinking water chlorination |
| TTHM | KENTUCK METER (WHITE PINES) | 2025 | 51 | 48 - 48 | ppb | 80 | 0 | By-product of drinking water chlorination |

| Lead and Copper | Monitoring Period | 90TH Percentile | Range (low/high) | Unit | AL | Sites Over AL | Typical Source |
|---|---|---|---|---|---|---|---|
| COPPER, FREE | 2022 - 2024 | 0.318 | 0.0186 - 0.376 | ppm | 1.3 | 0 | Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives |
| COPPER, FREE | 2023 - 2025 | 0.267 | 0.0244 - | ppm | 1.3 | 0 | Corrosion of household plumbing systems; |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 0.373 | | | | Erosion of natural deposits; Leaching from wood preservatives |
| LEAD | 2022 - 2024 | 1.5 | 0 - 6.3 | ppb | 15 | 0 | Corrosion of household plumbing systems; Erosion of natural deposits |
| LEAD | 2023 - 2025 | 4.3 | 0.28 - 28.9 | ppb | 15 | 1 | Corrosion of household plumbing systems; Erosion of natural deposits |

There is no safe level of lead in drinking water. Exposure to lead in drinking water can cause serious health effects in all age groups, especially pregnant people, infants (both formula-fed and breastfed), and young children. Some of the health effects to infants and children include decreases in IQ and attention span. Lead exposure can also result in new or worsened learning and behavior problems. The children of persons who are exposed to lead before or during pregnancy may be at increased risk of these harmful health effects. Adults have increased risks of heart disease, high blood pressure, kidney or nervous system problems. Contact your health care provider for more information about your risks.

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. SOUTHERN JACKSON COUNTY P S D 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 SOUTHERN JACKSON COUNTY P S D and TIMOTHY BAILEY at 304-372-2622. 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.

SOUTHERN JACKSON COUNTY P S D completed lead tap sampling in 2022 - 2024 the results are available for review and can be accessed ***at the PSD Office.***

SOUTHERN JACKSON COUNTY P S D has prepared a service line inventory identifying service line materials throughout the water distribution supply. The most up to date inventory is located at ***the PSD Office.***
By November 1, 2027, our water system must develop an updated initial inventory, known as the "baseline inventory" and it must include each service line and identified connector that is connected to the public water distribution system.

Our water system identified ***[lead, galvanized requiring replacement, or lead status unknown]*** service lines in our inventory. Due to this identification our water system must create a service line replacement plan by November 1, 2027.

If you have any questions about our inventory or if you would like information about our service line replacement plan, please contact KARL VIELHABER at 304-372-2622.

**Source Water Assessment and Protection**
When required by West Virginia State law, SOUTHERN JACKSON COUNTY P S D maintains a comprehensive **Source Water Protection Plan (SWPP)** that is updated every three years and reviewed by the West Virginia Bureau for Public Health (WVBPH). For systems utilizing surface water or groundwater under the direct influence of surface water (GWUDI), SWPPs provide a detailed strategy for protecting intake areas and the surrounding Zone of Critical Concern.
Because these types of sources are open to the environment, they generally have a higher susceptibility to contamination. This susceptibility rating does not mean your water is contaminated; rather, it indicates that conditions exist which could impact the source water if a release occurred due to the sensitive nature of the intake area. A public version of our current Source Water Protection Plan (if applicable) or further information regarding our specific source susceptibility is available for review at our office during normal business hours or by contacting TIMOTHY BAILEY at 304-372-2622. A Source Water Assessment may previously have been completed to identify potential sources of contamination and the susceptibility of our water source. You can view these historical assessment reports online at the WVBPH website: https://www.wvdhhr.org/oehs/eed/swap/search.cfm.
For more information on source water protection and to learn how you can help protect drinking water sources, visit the EPA at https://www.epa.gov/sourcewaterprotection/how-can-you-help-protect-source-water.

| Chlorine/Chloramines Maximum Disinfection Level | MPA | MPA Units | RAA | RAA Units |
|---|---|---|---|---|
| 1/1/2025 - 1/31/2025 | 1.10000 | MG/L | 0.90000 | MG/L |

**AVAILABILITY OF MONITORING DATA FOR UNREGULATED CONTAMINANTS**
**Our water system has sampled for a series of unregulated contaminants. Unregulated contaminants are those that do not yet have a drinking water standard set by the US Environmental Protection Agency (EPA). The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard. As our customers, you have a right to know that this data is available.**

**If you are interested in examining the results, please contact:*Timothy Bailey*at 304-372-2622.**

During the 2025 calendar year, we had the below noted violation(s) of drinking water regulations.

| Fed Rep ID | Compliance Period | Violation Type | Category | Rule | Explanation | Actions Taken by Water System |
|---|---|---|---|---|---|---|
| 5007765 | 7/1/2025 - 6/20/2025 | CCR REPORT | RPT | CONSUMER CONFIDENCE RULE | Failed to deliver Consumer Confidence Report to the state or consumers on time | |

***AVAILABILITY OF MONITORING DATA FOR UNREGULATED CONTAMINANTS***
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***If you are interested in examining the results, please contact Timothy Bailey at 304-372-2622.***

Additional Required Health Effects Language:

Some people who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Infants and children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline (800-426-4761).

**Testing Results for: Seller Name**

**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 2025 calendar year from the water systems that we purchase drinking water from.**

## *Reseller Contaminants*

| Regulated Contaminants | Facility Name | Collection Date | Water System | Highest Value | Range (low/high) | Unit | MCL | MCLG | Typical Source |
|---|---|---|---|---|---|---|---|---|---|
| BARIUM | TREATMENT PLANT | 2/6/2025 | RIPLEY CITY OF | 0.0315 | 0.0315 | ppm | 2 | 2 | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| CARBON, TOTAL | TREATMENT PLANT | 8/3/2023 | RIPLEY CITY OF | 3.3 | 3.3 | ppm | 10000 | 0 | Naturally present in the environment |
| FLUORIDE | TREATMENT PLANT | 2/6/2025 | RIPLEY CITY OF | 0.32 | 0.32 | ppm | 4 | 4 | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| NITRATE | TREATMENT PLANT | 2/6/2025 | RIPLEY CITY OF | 0.57 | 0.57 | ppm | 10 | 10 | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| NITRATE-NITRITE | TREATMENT PLANT | 2/8/2024 | RIPLEY CITY OF | 0.27 | 0.27 | ppm | 10 | 10 | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |

| Disinfection Byproducts | Monitoring Period | Water System | Highest RAA | Range | Unit | MCL | MCLG | Typical Source |
|---|---|---|---|---|---|---|---|---|
| TOTAL HALOACETIC ACIDS (HAA5) | 2025 | RIPLEY CITY OF | 39 | 10 - 51 | ppb | 60 | 0 | By-product of drinking water disinfection |
| TOTAL HALOACETIC ACIDS (HAA5) | 2025 | RIPLEY CITY OF | 47 | 11 - 65 | ppb | 60 | 0 | By-product of drinking water disinfection |
| TTHM | 2025 | RIPLEY CITY OF | 34 | 4 - 44 | ppb | 80 | 0 | By-product of drinking water chlorination |
| TTHM | 2025 | RIPLEY CITY OF | 44 | 5 - 77 | ppb | 80 | 0 | By-product of drinking water chlorination |

| Secondary Contaminants. | Collection Date | Water System | Highest Value | Range (low/high) | Unit | SMCL |
|---|---|---|---|---|---|---|
| SODIUM | 2/6/2025 | RIPLEY CITY OF | 12.5 | 12.5 | MG/L | 20 |

**Please Note: Because of sampling schedules, results may be older than 1 year.**
During the 2025 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

| Water System | Fed Rep ID | Compliance Period | Violation Type | Category | Rule | Explanation | Actions Taken by Water System |
|---|---|---|---|---|---|---|---|
| WV3301811 | 611138 | 1/1/2022 - 12/31/2024 | PUBLIC NOTICE RULE LINKED TO VIOLATION | PN | PUBLIC NOTICE | Failed to issue public notice or failed to provide a copy of the notice and certification to the state | |

Additional Required Health Effects Language:

Some people who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

Your CCR is available at ***the PSD Office 304-372-2622.*** To receive a paper copy in the mail, please contact us at the phone number above. This will not be mailed unless it is requested.