



COMMONWEALTH of VIRGINIA

Karen Shelton, MD.
State Health Commissioner

R. Christopher Lindsay
Chief Operating Officer

DEPARTMENT OF HEALTH
OFFICE OF DRINKING
WATER
Richmond Field Office

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109 Governor St., 6th floor
Richmond, VA 23219
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NOTICE OF ALLEGED VIOLATION and NOTICE OF LEVEL 2 ASSESSMENT REQUIRED

SUBJECT: Louisa County
Waterworks: Six-O-Five Village
PWSID No: 2109675

July 14, 2025

Jason Freed
jfreed@ourhomesofamerica.com

Re: *E. coli* PMCL Exceedance and Level 2 Assessment Required

Dear Mr. Freed,

This notice is to advise that you appear to be operating a waterworks in violation of the Public Water Supplies Law, Title 32.1, Chapter 6, Article 2 of the Code of Virginia, and Section 12VAC5-590-380 B 2 of the Virginia *Waterworks Regulations* (“Regulations”) for exceeding the Primary Maximum Contaminant Level (PMCL) for *E. coli* bacteria during the July 2025 monthly monitoring period. The Regulations characterize this alleged violation as a Tier 1 violation.

Section 12VAC5-590-380 B 2 states, “Compliance shall be determined with the PMCL for *E. coli* for each monitoring period for which monitoring for total coliforms is required.”

According to our records, a routine bacteriological sample collected from the distribution system on July 9, 2025, was total coliform-positive. Three of the three repeat samples collected on July 11, 2025, were *E. coli*-positive.

This is a serious health concern. The presence of *E. coli* bacteria in drinking water is serious because these bacteria are usually associated with sewage or animal wastes (fecal contamination) and indicate that the water may be contaminated with organisms that can cause disease. *E. coli* bacteria in drinking water are generally a result of contaminated source water, inadequate water treatment, and/or contaminated distribution piping.

Consequently, a coliform treatment technique was triggered due to an *E. coli* bacteria PMCL exceedance. You are hereby notified that a Level 2 Assessment must be completed in accordance with 12VAC5-590-392 of the Regulations. A Level 2 Assessment will be conducted by staff from

this Office. You were contacted on July 14, 2025, and a site visit to conduct the Assessment is scheduled for July 22, 2025.

Required Actions

Consultation: The Regulations require waterworks owners to initiate consultation with this Office within 24 hours of learning of an *E. coli* bacteria PMCL violation. According to our records, the consultation took place at 10:30 AM on July 14, 2025. At that time, Lydia Belser described public notification requirements and emailed you a copy of this letter and a draft Notice to Consumers (“Notice”).

In accordance with Section 12VAC5-590-540 of the Regulations, you are required to issue a Tier 1 Public Notice (“Notice”) to the consumers in the area served by the waterworks in accordance with the public notification requirements described below:

Public Notice: This is a Tier 1 situation. Section 12VAC5-590-540 of the Regulations requires you to notify consumers in the area served by the waterworks **within 24 hours** of learning whenever the PMCL for *E. coli* bacteria is exceeded. This Notice must be handled as follows:

- You must distribute the Notice no later than 10:30 AM on July 15, 2025.
- The Notice must be distributed in a manner to reach all persons served by hand delivering the Notice to each connection, posting at conspicuous locations throughout the area served by the waterworks, and/or appropriate broadcast media such as television, radio, social media, or website.
- Additional public notification may be required depending on the outcome of the Level 2 Assessment findings.
- The Public Notice must also be distributed in another language (ex: Spanish) if more than 50% of the population served by the waterworks speaks a language other than English

Draft Notice: Attached is a draft Tier 1 Notice for you to distribute as directed above. You may use this Notice as is, or modify it to better meet your situation, as long as the information is accurate and it contains all of the required elements and mandated language. If you decide to change the Notice, we suggest that you contact this Office to verify that your proposed changes meet the requirements of the Regulations. Please insert the name, address, and phone number of a waterworks representative in the spaces provided on the draft Notice.

Public Notice Confirmation: Within ten (10) days of completing the public notification, but no later than July 25, 2025, you must provide this Office with a copy of the Notice that you distributed, along with a signed certification that the distribution was completed in the required time and manner. Failure to distribute the Notice and submit a signed certification form to this Office may be a further violation of the Regulations. A certification form is enclosed for your use.

Follow-Up Actions:

- Disinfect and flush each well in use at the time of sampling.

- Increase chlorination to 2 ppm at the entry point and ensure at least 1 ppm of free chlorine at the farthest point in the distribution system.
- Collect two sets of 3 special samples from the three sites that tested positive for E. Coli. Take one set of samples on July 15, 2025 and another set of samples on July 17, 2025.
- Complete Level 2 Assessment and site visit with ODW representative within 30 days of this letter.

Level 2 Assessment - Additional Information

A Level 2 Assessment is an in-depth evaluation of conditions throughout the waterworks to determine possible causes for the presence of *E. coli* bacteria. Sanitary defects, which are conditions that could provide a pathway of entry for microbial contamination into the distribution system, identified by the Assessment are to be noted and corrected. A schedule of corrective action(s) must be included in the Assessment for defects not corrected by the Assessment due date.

Requesting an Administrative Proceeding: If you disagree with the allegations in this notice or wish to obtain a determination as to whether a violation has occurred, you may request an informal conference in accordance with Va. Code § 2.2-4019 and 12VAC5-590-115 of the Regulations. To request an informal conference, please contact the ODW Director of Compliance, Enforcement and Policy by telephone or email at 804-629-0989 or Grant.Kronenberg@vdh.virginia.gov.

Enforcement Authority: Failure to take all the necessary corrective actions in a timely manner to voluntarily return your waterworks to compliance may result in enforcement action. Enforcement actions include permit revocation, administrative orders, and civil or criminal proceedings, and civil charges or penalties of up to \$5,000 per day for each violation. Va. Code §§ 32.1-26, 32.1-27, 32.1-175.01 and 32.1-176.

As a reminder, staff from this Office will meet with Scott Dunn on July 22, 2025, to conduct the Level 2 Assessment.

If you have any questions or concerns regarding this matter, please contact me at (804) 664-4404 or email at azhar.mirza@vdh.virginia.gov. You can also contact the Environmental Specialist for the district, Lydia Belser, at (804) 910-6111 or via email at lydia.belser@vdh.virginia.gov.

Sincerely,
Azhar Mirza
 Azhar Mirza- District Engineer
 Richmond Field Office

LMB:anm

Enclosures:

1. Draft Tier 1 Public Notice
2. Certification Form

cc: Louisa County Health Department-attn: Environmental Health Manager-
 LouisaEH@vdh.virginia.gov
 Christian Goodwin, Louisa County Administrator- cgoodwin@louisa.org
 Scott Dunn, Operator - sdunnreeeofva@yahoo.com

**NOTICE TO CONSUMERS
of the SIX-O-FIVE VILLAGE WATERWORKS**

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

E. coli PMCL Exceedance

BOIL YOUR WATER BEFORE USING

State Health Officials have advised us of a failure to meet the Primary Maximum Contaminant Level (PMCL) for *Escherichia coli* (*E. coli*) in accordance with the Virginia *Waterworks Regulations*. Water served to our customers during July 2025 did not comply with the PMCL because *E. coli* was detected in three follow-up samples on July 11, 2025, which were collected after a total coliform positive sample collected on July 9, 2025.

E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems.

We violated the standard for *E. coli*, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct a detailed assessment to identify problems and to correct any problems that are found.

General guidelines on ways to lessen the risk of infection by microbes are available from EPA's Safe Drinking Water Hotline at 1 (800) 426-4791.

What should I do? What does this mean?

State Health Officials feel there is a need for concern about the safety of your water. Consumers at risk should seek advice from their health care providers about drinking this water. Therefore, until further notice:

DO NOT DRINK TAP WATER WITHOUT BOILING IT FIRST

Bring all tap water to a rolling boil, let it boil for one minute, and let it cool before using, or use bottled water. Boiled or bottled water should be used for drinking, beverage and food preparation, brushing teeth, and making ice. Boiling kills bacteria and other disease-causing microorganisms in the water. Boiling is the preferred method to assure that the tap water is safe to drink. Water does not need to be boiled for washing clothes, bathing, washing dishes, or other uses where water is not ingested. However, care should be taken not to allow children or infants to drink bath water or allow it to get into their mouths.

If you cannot boil your tap water:

- An alternative method of purification for residents that do not have gas or electricity available is to use liquid household bleach to disinfect water. The bleach product should be recently purchased, free of additives and scents, and should contain a hypochlorite solution of at least 5.25%. Public

health officials recommend adding eight (8) drops of bleach (about $\frac{1}{4}$ teaspoon) to each gallon of water. The water should be stirred and allowed to stand for at least 30 minutes before use.

- Water purification tablets may also be used by following the manufacturer's instructions.
- Potable water is available at the following locations:

(Waterworks to list locations where water is available and any special instructions):

CONSUMING WATER FROM WATER SOURCES OF UNTESTED AND UNKNOWN QUALITY MAY POSE A THREAT TO YOUR HEALTH

What is being done?

State Health Officials will be conducting an assessment of our waterworks to determine the possible cause for the detection of *E. coli* in our distribution system. We will be following up with all corrective actions noted in their assessment. You will be notified of future developments. We will inform you when tests show no bacteria and you no longer need to boil your water.

We expect this situation to be resolved by the end of the week of July 14, 2025 or once water sampling comes back negative for *E. coli* and other total coliform bacteria.

For more information, please contact:

Matt Raynor (operator)

524 Meadow Avenue Loop, Banner Elk, NC, 28604 (mailing address)

(828) 733-5028 (telephone number)

Please share this information with all the other people who 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.

This notice is being sent to you by Six-O-Five Village. State Water System ID#: 2109675

Date distributed: _____

AVISO A LOS CONSUMIDORES

de la INSTALACIÓN DE AGUA DE SIX-O-FIVE VILLAGE

INFORMACIÓN IMPORTANTE SOBRE SU AGUA POTABLE

Exceso del Nivel Máximo de Contaminante Primario (PMCL) de E. coli

HERVIR EL AGUA ANTES DE USARLA

Las autoridades sanitarias estatales nos han informado sobre el incumplimiento del Nivel Máximo de Contaminante Primario (PMCL) para Escherichia coli (E. coli) de acuerdo con las Regulaciones de la INSTALACIÓN DE AGUA DE VIRGINIA. El agua servida a nuestros clientes durante julio de 2025 no cumplió con el PMCL debido a que se detectó E. coli en tres muestras de seguimiento el 11 de julio de 2025, recolectadas después de una muestra positiva para coliformes totales recolectada el 9 de julio de 2025.

La presencia de E. coli indica que el agua puede estar contaminada con desechos humanos o animales. Los patógenos humanos presentes en estos desechos pueden causar efectos a corto plazo, como diarrea, cólicos, náuseas, dolores de cabeza u otros síntomas. Pueden representar un mayor riesgo para la salud de bebés, niños pequeños, ancianos y personas con sistemas inmunitarios gravemente comprometidos.

Incumplimos la norma para E. coli, lo que indica la necesidad de buscar posibles problemas en el tratamiento o la distribución del agua. Cuando esto ocurre, estamos obligados a realizar una evaluación detallada para identificar los problemas y corregirlos.

Las directrices generales sobre cómo reducir el riesgo de infección por microbios están disponibles en la Línea Directa de Agua Potable Segura de la EPA: 1 (800) 426-4791.

¿Qué debo hacer? ¿Qué significa esto?

Las autoridades sanitarias estatales consideran que es necesario preocuparse por la seguridad del agua. Los consumidores en riesgo deben consultar con sus profesionales de la salud sobre el consumo de esta agua. Por lo tanto, hasta nuevo aviso:

NO BEBA AGUA DEL GRIFO SIN HERVIRLA PREVIAMENTE

.Ponga a hervir el agua del grifo, déjela hervir durante un minuto y déjela enfriar antes de usarla,

o use agua embotellada. Se debe usar agua hervida o embotellada para beber, preparar bebidas y alimentos, cepillarse los dientes y hacer hielo. Hervir el agua elimina las bacterias y otros microorganismos patógenos presentes en el agua. Hervirla es el método preferido para garantizar que el agua del grifo sea potable. No es necesario hervir el agua para lavar la ropa, bañarse, lavar los platos ni para otros usos que no requieran ingestión. Sin embargo, se debe tener cuidado de no permitir que los niños o bebés beban el agua del baño ni que les entre en la boca.

Si no puede hervir el agua del grifo:

Un método alternativo de purificación para los residentes que no disponen de gas ni electricidad es usar lejía líquida de uso doméstico para desinfectar el agua. La lejía debe ser reciente, sin aditivos ni aromas, y contener una solución de hipoclorito de al menos el 5,25 %. Las autoridades de salud pública recomiendan añadir ocho (8) gotas de lejía (aproximadamente $\frac{1}{4}$ de cucharadita) por cada galón de agua. Remueva el agua y déjela reposar durante al menos 30 minutos antes de usarla.

También puede usar pastillas purificadoras de agua siguiendo las instrucciones del fabricante.

Hay agua potable disponible en los siguientes lugares:

(Waterworks indicará los lugares donde hay agua disponible y cualquier instrucción especial):

CONSUMIR AGUA DE FUENTES DE CALIDAD NO COMPROBADA Y DESCONOCIDA PUEDE REPRESENTAR UNA AMENAZA PARA LA SALUD.

¿Qué se está haciendo?

Las autoridades sanitarias estatales realizarán una evaluación de nuestra red de suministro de agua para determinar la posible causa de la detección de E. coli en nuestro sistema de distribución. Daremos seguimiento a todas las medidas correctivas señaladas en dicha evaluación. Se le notificará sobre cualquier novedad. Le informaremos cuando las pruebas no muestren bacterias y ya no sea necesario hervir el agua.

Esperamos que esta situación se resuelva para finales de la semana del 14 de julio de 2025 o cuando el resultado del análisis de agua sea negativo para E. coli y otras bacterias coliformes totales.

Para obtener más información, comuníquese con:

Matt Raynor (operador)

524 Meadow Avenue Loop, Banner Elk, NC, 28604 (dirección postal)

(828) 733-5028 (número de teléfono)

Comparta esta información con todas las personas que consumen esta agua, especialmente con quienes no hayan recibido este aviso directamente (por ejemplo, residentes de apartamentos, residencias de ancianos, escuelas y negocios). Puede hacerlo publicando este aviso en un lugar público o distribuyendo copias a mano o por correo.

SUBJECT: Louisa County
Waterworks: Six-O-Five Village
PWSID No: 2109675

VIOLATION: *E. coli* PMCL Exceedance and Level 2 Assessment Required - July 2025

PUBLIC NOTIFICATION CERTIFICATION REPORT FORM
(Community Waterworks)

By direct (hand) delivery on _____ (date) at _____ a.m./p.m.

Posted on _____ (date) at _____ a.m./p.m.

At the following locations _____

Provided to the following broadcast media (list: television/radio/website/social media) on

_____ (date) at _____ a.m./p.m.

_____ (date) at _____ a.m./p.m.
_____ (date) at _____ a.m./p.m.

Other approved method _____ (method and date)

New billing customers will be notified of any ongoing violation for which notice has previously been issued.

I hereby certify that the attached public notice was distributed as indicated above and that the notice meets all content requirements.

_____ (Printed Name)

_____ (Signature)

RETURN FORM WITH COPY OF NOTICE TO:

Richmond Field Office Email: ODWFieldOffice4@vdh.virginia.gov