



# COMMONWEALTH of VIRGINIA

DEPARTMENT OF HEALTH

## OFFICE OF DRINKING WATER

Richmond Field Office

Karen Shelton, MD  
State Health Commissioner

Madison Building  
109 Governor St., 6<sup>th</sup>  
Floor Richmond, VA  
23219  
Phone: 804-864-7409  
Fax: 804-864-7520

**No printed copy of this letter will be mailed to you. Only an email copy is being sent.**

SUBJECT: LOUISA COUNTY  
Waterwork Dollar General-Gum Spring  
PWSID No.: 2109207T

September 25, 2025

Mr. Jerry Tanner  
Environmental Compliance Specialist  
Dolgencorp, LLC  
100 Mission Ridge  
Goodlettsville, TN 37072

Dear Mr. Tanner:

Enclosed please find Waterworks Temporary Operation Permit No. 2109207T with Operation Permit Conditions dated September 25, 2025, issued by the Commonwealth of Virginia Department of Health, Office of Drinking Water. This permit is your authorization from the State Health Commissioner to operate the subject waterworks located in Louisa County in accordance with the *Waterworks Regulations*. This permit is not transferable. This permit does not suspend, minimize, or otherwise alter this owner's obligation to comply with applicable federal, state, or local laws and regulations or permits.

You will note that the permit indicates that this waterworks is permitted for a capacity limited to one convenience store. This limit is based on the existing system usage and shall not be exceeded.

The Temporary Permit Requirements are included for this waterworks and the dates to fulfill these requirements are also included.

Please note that any expansion of service, modification to the waterworks, failure to maintain reliability, or future sale of the waterworks may require an engineering evaluation of the entire waterworks, and compliance with Part III of the *Waterworks Regulations*.

Mr. Jerry Tanner  
September 25, 2025  
Page 2

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty (30) days from the date you actually received this permit or the date it was emailed to you, whichever occurred first, within which to appeal this permit by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the State Health Commissioner. In the event that this permit is served on you by mail, three days are added to that period.

We look forward to your continued cooperation in the maintenance and operation of this public waterworks.

Sincerely,

A handwritten signature in black ink, appearing to read 'JR' or similar initials, written over a horizontal line.

James Reynolds, PE  
Engineering Field Director  
Richmond Field Office

Enclosures:    1. Operation Permit  
                    2. Operation Permit Conditions  
                    3. Temporary Permit Requirements  
                    4. Waterworks Description Sheet

cc:    Louisa County Health Dept., attn: Environmental Health Manager  
       Louisa County Building Official  
       ODW – Central Office



Virginia Department of Health  
Office of Drinking Water

## Temporary Waterworks Operation Permit

Dolgencorp, LLC is hereby granted permission to operate the Dollar General - Gum Spring waterworks, an unclassified waterworks located in Louisa County, subject to the attached Temporary Permit Requirements to protect public health and demonstrate compliance with Title 32.1 of the *Code of Virginia* and of the *Virginia Waterworks Regulations*, 12VAC5-590-10 *et seq.* The waterworks has a capacity of one convenience store. This temporary permit is issued with the understanding that this owner shall operate the waterworks in accordance with Part II of the *Virginia Waterworks Regulations* titled "Operation Regulations for Waterworks." This temporary permit does not suspend, minimize, or otherwise alter this owner's obligation to comply with applicable federal, state, or local laws and regulations or permits. This temporary permit shall expire on September 25, 2026, or may be revoked at any time upon written notice of revocation by the State Health Commissioner if it is determined that Dolgencorp, LLC has failed to comply with any of the attached Temporary Permit Requirements including the Operation Permit Conditions.


Attachments: Operation Permit Conditions ( X ), Variances (   ), Exemptions (   ) or Temporary Permit Requirements ( X )

PERMIT NO.: 2109207T

EFFECTIVE DATE: September 25, 2025

EXPIRATION DATE: September 25, 2026

APPROVED

  
James Reynolds, PE, Engineering Field Director, Richmond Field Office  
for the State Health Commissioner pursuant to VA Code § 2.2-604

## **TEMPORARY PERMIT REQUIREMENTS**

**Temporary Operation Permit No. 2109207T**

**Dollar General – Gum Spring Water System**

**Dolgencorp, LLC** owner of the **Dollar General – Gum Spring Water System**, shall comply with the temporary permit requirements below to protect public health and bring the **Dollar General – Gum Spring Water System** into compliance with Title 32.1 of the *Code of Virginia* and 12VAC5-590 *et seq.* of the Virginia *Waterworks Regulations (Regulations)*.

1. Submit the following to the ODW Richmond Field Office for review and approval no later than September 25, 2026:
  - a. Waterworks Business Operation Plan (WBOP), required of Va. Code § 32.1-172
  - b. Bacteriological Sample Siting Plan (BSSP), required by 12VAC5-590-370 A of the *Regulations*
  - c. Cross-Connection Control Program (CCCP), required by 12VAC5-590 600 A of the *Regulations*
2. Install the following in the well pump discharge line downstream of the shut off valve but upstream of the bladder tank no later than September 25, 2026:
  - a. A check valve
  - b. A raw water sample tap, required by 12VAC5-590-1065 E 2 of the *Regulations*
  - c. A blow-off, required by 12VAC5-590-1065 E 4 of the *Regulations*

## **OPERATION PERMIT CONDITIONS**

**Operation Permit No.:** 2109207T

**Waterworks Name:** Dollar General-Gum Spring

**Permit Effective Date:** September 25, 2025

**Waterworks Class:** Unclassified

### **OPERATOR REQUIREMENTS:**

Operating personnel shall be in attendance as necessary to perform monitoring and process evaluation, and to make any process adjustments.

### **OPERATION, MONITORING, AND REPORTING:**

Operation, monitoring, and reporting shall be in accordance with Title 32.1 of the *Code of Virginia* and 12VAC5-590 *et seq.* of the *Virginia Waterworks Regulations*.

### **WATERWORKS CAPACITY:**

#### **Source Capacity:**

Unknown

#### **Treatment Capacity:**

No treatment is provided.

#### **Storage and Delivery requirements:**

The waterworks shall provide sufficient distribution storage and pumping capacity to meet peak hourly flow demand.

#### **Permitted Capacity:**

This waterwork is permitted for a capacity limited to a single convenience store until information on well yield and pump capacity is provided, and the need for additional source and/or storage capacity is evaluated.

**VIRGINIA DEPARTMENT OF HEALTH  
WATERWORKS DESCRIPTION SHEET**

**DATE:** September 25, 2025

**WATERWORKS NAME:** Dollar General -Gum Spring

**WATERWORKS CLASS:** Unclassified

**COUNTY/CITY:** Louisa County                      **TYPE:** Transient Noncommunity

**LOCATION:** 3259 Broad Street Road, Gum Spring, Virginia 23065

**OWNER:** Dolgencorp, LLC  
Contact: Jerry Turner, Environmental Compliance Specialist  
100 Mission Ridge  
Goodlettsville, TN 37072  
Phone: (615) 855-4070, (804) 424-2140.

**OPERATOR:** Licensed Operator Not Required

**PERMIT NUMBER:** 2109207T

**TYPE OF TREATMENT:** None

**SOURCE:** One Drilled Well

**DESIGN CAPACITY:** One Convenience Store

**DESCRIPTION OF THE WATERWORKS**

The water system consists of one drilled well, one 44-gallon bladder tank and a distribution system, with associated appurtenances.

**Well No. 1:** The well is located behind the Dollar General convenience store. It has a 6¼-inch diameter PVC casing that extends approximately 12 inches above the dirt floor and is fitted with a PVC sanitary seal. The well was drilled to a depth of 130 feet by Matheny Well Drilling. No additional information is available regarding the well construction details, well yield, or submersible pump capacity. The well discharges through a 44-gallon bladder tank to the distribution system. The system is not metered. A sanitary seal is provided, and a discharge shutoff valve is currently installed downstream of the bladder tank.

**Storage:** One 44-gallon bladder tank provides pressure storage and is located in the store's utility/storage room with a shutoff valve.

**OTHER PERMITS**

The Sewage Disposal System Operation issued by Louisa County dated August 7, 2017, has a capacity of 200 gpd.

## **WATERWORKS CAPACITY**

1. Estimated Water Demand:

Average water use = 200 gpd based on similar Dollar  
General stores estimated water demands

Peak Hour Demand:

Estimated PF =  $(4)(200 \text{ gpd}) = 800 \text{ gpd} / 24 \text{ hr} = 34 \text{ gal}$

2. Source Capacity:

Well yield: Unknown

Pump Capacity: Unknown

3. Storage Capacity:

Pressure Type: Gross Volume = 40 gal

Effective Volume:  $40 \text{ gal} / 3 = 13.3 \text{ gal}$

Noncommunity systems are required to provide delivery capacity to meet peak hour demand.

### **CONCLUSION:**

This waterworks is permitted for a capacity limited to a single convenience store until information on the well yield and pump capacity is provided, and the need for additional source and/or storage capacity is evaluated.

## **OPERATION PERMIT HISTORY**

<b>Permit Issuance (Effective Date)</b>	<b>Description/Reason</b>
September 25, 2025	New Temporary Permit until permit requirements are met.

## **BACTERIOLOGICAL SAMPLE SITING PLAN (BSSP)**

Waterworks Name: Dollar General - Gum Spring  
PWSID: 2109207

**Purpose:** The purpose of this plan is to identify specific bacteriological sampling sites and monitoring requirements for routine, repeat, triggered and routine source water monitoring.

**Sampling Plan:**

1. During routine monitoring, the waterworks is required to collect and have analyzed for total coliform one (1) routine water sample per quarter. Under increased monitoring the required frequency of sample collection and analysis is one (1) sample per month.
2. The routine, repeat and triggered source water sampling sites are identified below. The routine sites were chosen to be representative of the water quality throughout the distribution system.

<b>Routine Sample Sites (911 Address or Location)</b>		<b>Repeat and Triggered Source Water Sample Sites (911 Address or Location)</b>	
<b>010</b>	Men's bathroom cold-water tap	<b>01U</b>	Sample tap after bladder tank
		<b>01D</b>	Women's bathroom cold-water tap
		<b>Triggered</b>	Raw Water Sample Tap
<b>020</b>	Women's bathroom cold-water tap	<b>02U</b>	Sample tap after bladder tank
		<b>02D</b>	Men's bathroom cold-water tap
		<b>Triggered</b>	Raw Water Sample Tap

3. Routine bacteriological samples will be collected from each of the above routine sites on a rotating basis.
4. Repeat and triggered source water samples are required to be collected when a routine total coliform-positive result occurs. Collection is required within 24 hours of notification. Any total coliform-positive routine, repeat or triggered source water sample must also be analyzed for *E. coli* in accordance with the *Waterworks Regulations*.
5. Triggered source water samples will be collected from each groundwater source in service at the time of collection of the routine total coliform-positive sample. Triggered source water samples are to be collected from the well raw water sample tap, located prior to treatment.
6. The routine sample sites are chosen to allow for the collection of required upstream and downstream repeat samples when necessary. Three repeat samples will be collected on the same day from:
  - (a) the total coliform-positive sample location;
  - (b) the triggered source water sample location listed above, since the well is untreated; and
  - (c) a location within five service connections downstream of the total coliform-positive sample location.



7. The waterworks will notify the appropriate ODW Field Office if any repeat sample is *E.coli-positive* or any repeat sample is total coliform-positive following a routine *E.coli-positive* sample. Notification is due by the end of the business day after the waterworks has been notified of the monitoring result.
8. Five additional source water samples shall be collected from the same raw water source of any *E.coli-positive* triggered source water sample. Sampling shall be within 24 hours of notification. These samples are to be collected approximately 15 minutes apart while the well pump is running. In addition, consumers will be notified within 24 hours of notification of the *E.coli-positive* triggered sample result. The Office of Drinking Water will be contacted for assistance in preparing the public notice text and the distribution requirements.

Owner/Representative Name:

\_\_\_\_\_

Signature:

\_\_\_\_\_

Title:

\_\_\_\_\_

Date:

\_\_\_\_\_

\_\_\_\_\_

## **Cross-Connection Control Program (CCCP)**

### **Noncommunity Waterworks**

**Dollar General - Gum Spring**

**PWSID: 2109207**

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#### **Waterworks Description**

The water system consists of one drilled well, a bladder tank and a distribution system.

#### **Purpose/Statement of Intent**

The waterworks owner is required to establish and enforce this CCCP to prevent the intrusion of contamination into the distribution system via cross-connections and backflow in accordance with 12VAC5-590-580.

#### **Administration of CCCP**

\_\_\_\_\_ shall be responsible to have oversight and administer the CCCP. This person shall have training and experience in cross-connection control programs.

**Note:** The waterworks owner is ultimately responsible for compliance with the CCCP.

#### **Waterworks Owner's Responsibilities**

The waterworks owner's responsibilities include, but are not limited to, the following:

1. Complete an initial inventory of water outlets and assessment of every actual or potential cross-connection within the waterworks with each evaluated for both the degree of hazard (in accordance with 12VAC5-590-630 B) and the appropriateness of the applied safeguard, as required by 12VAC5-590-600 C. The Uniform Statewide Building Code (USBC) and the manufacturer's specifications shall be used to determine the appropriateness of the backflow prevention assembly or backflow prevention device application for containment.
2. Update the inventory of water outlets and assessment of cross-connections when situations change.
3. Complete and document operational tests, or other evaluation procedures as appropriate after installation, relocation, or repairs, and at least annually for testable backflow prevention assemblies, devices, and methods.
4. Upon discovery of an actual or potential cross-connection situation, the owner shall take prompt corrective action to contain and/or eliminate the risk of the contamination. The corrective action shall include disconnecting service to the water outlet with the cross-connection until backflow prevention assemblies, devices or methods are implemented.
5. In the event of backflow of contaminants into the waterworks, the owner shall promptly take or cause corrective action to confine and eliminate the contamination. A report of the event shall be submitted to the Virginia Department of Health Office of Drinking Water (VDH ODW) field office within one business day in the most expeditious manner (usually by telephone with email follow-up). A written report shall be submitted to the ODW field office by the 10th day of the month following the month during which backflow occurred addressing the incident, its causes and effects, and safeguards required, or other action taken, in accordance with 12VAC5-590-600 G.
6. All testing and repairing of backflow prevention assemblies and backflow prevention devices will be performed by persons certified or licensed individuals to do such work, in accordance with 12VAC5-590-630 D.
7. Records of all testing, repairs, maintenance, facility inspections, inventories, and backflow incidents shall be kept for at least 10 years and made available for review by the VDH ODW field staff.

8. The owner shall review the CCCP not less than every five years and update it as necessary to satisfy the requirements of 12VAC5-590-600 A. Review and update the inventory of water outlets and assessment of cross connections. The owner shall submit updates to the department to obtain approval. The owner shall maintain a record of completed reviews and updates with the CCCP.
9. Any complex cross-connection situations identified by the waterworks, including major plumbing modifications, should be resolved through coordination with the Local Building Official in accordance with the USBC.
10. Any backflow prevention assembly, backflow elimination method, or backflow prevention device shall be of the approved type, follow manufacturer's installation instructions, and shall comply with the USBC, in accordance with 12VAC5-590-630.
11. An acceptable working pressure of at least 20 psig shall be maintained in the distribution system to reduce the potential for backflow to occur, in accordance with 12VAC5-590-510 C and 12VAC5-590-580 D.

**Attachments**

Water Outlet and Cross Connection Control Inventory

Record all the CCCP activities for review by VDH ODW as attachments to the CCCP.

**Dollar General - Gum Spring**

\_\_\_\_\_  
Name of Waterworks Owner

\_\_\_\_\_  
Signature of Waterworks Owner

\_\_\_\_\_  
Name of Responsible Person

\_\_\_\_\_  
Date

## WATER OUTLET AND CROSS CONNECTION CONTROL INVENTORY

[illegible]

# Waterworks Business Operations Plan

Transient Non-Community Waterworks - Effective September 2020



## Waterworks Information

Waterworks Name: Dollar General - Gum Spring

City/County: Louisa County

PWSID(s): 2109207

New/Proposed ☐

Existing ☒

Ownership Change ☐

**Purpose:** The purpose of this plan is to aid waterworks owners in the operations and maintenance of their waterworks. It is strongly suggested that an official from the Office of Drinking Water assists in completing this plan.

**Full Legal Name of Waterworks Owner (Individual or Corporation):** Dollar General Corporation

Address: Jerry Tanner, Environmental Compliance Specialist  
100 Mission Ridge  
Goodlettsville, TN 37072

Phone: 615-855-4070

Fax: \_\_\_\_\_

Email: jtanner@dollargeneral.com

**Primary Contact Name:** Jerry Tanner, Environmental Compliance Specialist

Address: Same as above

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

## Waterworks Description

- Brief description of the waterworks including source, treatment, storage, and distribution: One well, one bladder tank and distribution system.
- Population served\*: Customers: \_\_\_\_\_ + Employees: \_\_\_\_\_ Others: One Convenient Store = Total \_\_\_\_\_
- Is all or part of the waterworks operated seasonally\*? Yes ☐ No ☒  
If yes, is there an approved seasonal start up plan? Yes ☐, Date: \_\_\_\_\_; No ☐

## PART 2 – MONITORING AND REPORTING

- Routine bacteriological samples\*** are to be collected and results reported to the Office of Drinking Water in accordance with an approved Bacteriological Sample Siting Plan (BSSP). BSSP: Approved ☐, Date: \_\_\_\_\_; Pending ☒
- Nitrate samples\*** (*Nitrates + Nitrites combined OR Nitrite-iced*) samples are to be collected from the entry point at least once annually and results to the Office of Drinking Water.
- Cross connection control\*** records are required to be retained by the waterworks for at least 10 years in accordance with an approved Cross Connection Control Program (CCCP). CCCP: Approved ☐, Date: \_\_\_\_\_; Pending ☒
- Operational reports\*** are required to be submitted to the Office of Drinking Water by the 10<sup>th</sup> day of the month following the monitoring period.
  - Reports are required: Quarterly ☐ Monthly ☐ Not Required ☒

\* - Additional information is available on these topics. Please contact your Field Office for further assistance.

## PART 3 – MAINTENANCE AND FINANCIAL PLANNING

### Maintenance

- Most Critical Waterworks Component: What is the waterworks **most critical component**: Well
  - When was it last replaced or serviced? \_\_\_\_\_ Who did the work? Matheny Well drilling
  - What is the replacement cost of this item: \_\_\_\_\_
- Does the business have either sufficient cash **reserves** or access to credit to replace this component if it fails?  
Yes ☐ No ☐ If No, Explain how the expense would be covered: \_\_\_\_\_
- In the next 6 years, will the waterworks need any **capital improvements** (i.e. adding a new source or treatment, replacing a building, or replacing water lines)? Yes ☐ No ☐  
If Yes, what are the expected (estimated) costs of these upgrades? \_\_\_\_\_

### Financial Planning

1. This information is required to demonstrate the owner's awareness of and planning for the operation of a public waterworks. Enter the previous two years of operations expenses in the first two columns, then use projected expenses for the next four columns/years in the table below:

	Actual Expenses		Projected Expenses			
Yearly Expenses	2024	2025	2026	2027	2028	2029
Sampling	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Operator (if applicable)	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Treatment (if applicable)	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Waterworks Reserve Fund (if applicable) Current Balance: \$_____	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Emergency Fund (if applicable) Current Balance: \$_____	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
Other/Miscellaneous	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____
<b>Total</b>	\$_____	\$_____	\$_____	\$_____	\$_____	\$_____

### Part 4 - Statements for Owner Signature

The "Owner's Certification Statement" and "Statement of Financial Commitment" are required to be signed and dated by the owner or owner's agent and submitted to ODW with the WBOP. The Owner has the option to request confidentiality of certain information contained in the WBOP by signing and submitting the "Confidentiality Request"

#### OWNER'S CERTIFICATION STATEMENT

I hereby certify this document and associated attachments are complete and accurate to the best of my ability and submit them to the Office of Drinking Water, Virginia Department of Health, for review and acceptance.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

#### STATEMENT OF FINANCIAL COMMITMENT

I hereby certify that the business described in this Waterworks Business Operations Plan (WBOP) \_\_\_\_\_ (Waterworks' Name), is aware of and committed to covering waterworks-related expenses. This business does not generate revenue directly from the sale of water, and expenses related to the waterworks must be paid for by revenues generated from other business activities. This document represents a commitment of funds to offset waterworks-related expenses with general business revenues.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

#### CONFIDENTIALITY REQUEST (Optional)

I request that this Waterworks Business Operations Plan be retained in confidence to the extent allowed by § 32.1-172 B of the Code of Virginia.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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**PART 5 – SUSTAINABILITY IMPROVEMENTS**

This Waterworks Business Operations Plan documents current conditions at the waterworks including infrastructure, staffing, and financial, and sets a vision for the future. When the Field Office reviews this WBOP they may identify areas that need improvement. Sustainability Improvements identified below are those changes that are needed to ensure that the waterworks complies with the *Virginia Waterworks Regulations* and that the waterworks has the necessary technical, financial, and managerial capacity.

**ODW Office Use Only:**

The following Sustainability Improvements are required and/or recommended to ensure compliance with the Virginia *Waterworks Regulations* and to ensure that the waterworks has sufficient technical, managerial, and financial capacity:

Required / Recommended	Sustainability Improvement	Target Due Date
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

**ODW Office Use Only**

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Acceptable ☐ Not Acceptable ☐

If not acceptable, explain: \_\_\_\_\_