



COMMONWEALTH of VIRGINIA

B. Cameron Webb, MD, JD
State Health Commissioner

Department of Health
P O BOX 2448
RICHMOND, VA 23218

TTY 7-1-1 OR
1-800-828-1120

OFFICIAL ELECTRONIC COMMUNICATION- NO HARD COPY TO FOLLOW

SUBJECT: LOUISA COUNTY
Waterworks: Louisa County Zion Crossroad
PWSID: 2109990

February 23, 2026

Ms. Pam Baughman, General Manager
23 Loudin Lane
Louisa, Virginia 23093

Dear Ms. Baughman:

We have reviewed the proposed Stage 2 Disinfectants and Disinfection Byproducts monitoring plan for the subject waterworks dated February 18, 2026. This letter is to advise that the plan meets the requirements of the *Waterworks Regulations* and is therefore approved. A copy of the plan stamped "approved" is enclosed.

If you have any questions, please call Azhar N. Mirza, District Engineer, at 804-664-4404.

Sincerely,

A handwritten signature in black ink, appearing to read "J Reynolds".

James Reynolds, P.E.
Engineering Field Director
Richmond Field Office

Enclosure: Copy of approved Stage 2 monitoring plan

cc: Blue Ridge Health District, attn: Environmental Health Manager, john.mcclelland@vdh.virginia.gov
County Building Official, jgrubbs@louisa.org

DISINFECTANTS / DISINFECTION BYPRODUCTS MONITORING PLAN

Waterworks Name:	Louisa County Zion Crossroads
PWSID #:	2109990
Source Type:	Groundwater
Population Served:	2,903

DISINFECTANT RESIDUALS

1. Refer to the approved Bacteriological Sample Siting Plan (BSSP) for specific requirements.
2. The disinfectant residual will be measured at the same time and from the same location as each routine bacteriological sample, as identified in the current Bacteriological Sample Siting Plan.
3. Compliance will be calculated in accordance with the *Waterworks Regulations*.
4. The disinfectant residual will be reported to Office of Drinking Water by the certified laboratory via the Compliance Monitoring Data Portal (CMDP) by the 10th of the month following the month during which samples were taken. The disinfection residual results will be reported by the laboratory along with the bacteriological results.

DISINFECTION BYPRODUCTS - TTHM and HAA5

1. For routine monitoring, annual disinfection byproduct samples will be taken at the locations listed below. The dual TTHM and HAA5 samples will be taken at the same time during normal operations in August.

Site ID	Site Location / Address	Comments
DBP02	Crescent Inn- 10144 3 Notch Road	Dual Sample (Max Residence Time)
DBP04	Cavalier Produce- 170 Ferncliff Drive	Dual Sample (Max Residence Time)

2. Compliance calculations for the Location Running Annual Average (LRAA) and the Operational Evaluation Level (OEL) will be made in accordance with the *Waterworks Regulations*.
3. The location, date, and result of each sample taken will be reported to Office of Drinking Water by the certified laboratory via the Compliance Monitoring Data Portal (CMDP) by the 10th of the month following the month that test results are received, or the 10th day following the end of the monitoring period, whichever is sooner.
4. Analyses shall be made by a certified laboratory.
5. If a waterworks qualifies for reduced monitoring, this plan shall be amended to include the locations and time of such monitoring.

Owner/Representative
Name:

Pamela S. Baughman

Signature:

Pamela S Baughman

Title:

General Manager

Date:

02/18/2026

APPROVED

Virginia Department of Health
Office of Drinking Water-Richmond Field Office

By: *[Signature]*
Engineering Field Director Date

02/23/26