

AUGUSTA COUNTY SERVICE AUTHORITY

18 Government Center Lane
P. O. Box 859
Verona, Virginia 24482-0859



REQUEST FOR QUOTE **Annual Consumer Confidence Report Printing & Mailing**

RFQ No. 2104

Issue Date: January 15, 2021

Unsealed quotes for printing and mailing services, subject to the conditions and instructions attached hereto, will be received at the above office until, but not later than **2:00 o'clock p.m. local Verizon time, February 18, 2021**, for furnishing the described printing and mailing services for the Augusta County Service Authority (OWNER).

RFQ questions: Casey McCracken, Purchasing Officer - 540-245-5680 - email cmccracken@co.augusta.va.us

Technical questions: Sallie Trimble, Sr. Office Technician – 540-245-5683 - email sttrimble@co.augusta.va.us

Terms: _____% _____days

Company: _____

Address: _____

City: _____

Phone No: _____

Official Signature: _____

Printed Name: _____

Title: _____

Date: _____

Email Address: _____

*****THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL*****

GENERAL TERMS AND CONDITIONS

- 1. PRECEDENCE OF TERMS:** In the event there is a conflict between the general terms and conditions and any special terms and conditions which may be included in this solicitation, the special terms and conditions shall apply.
- 2. CLARIFICATION OF TERMS:** If any prospective Bidder has questions about the specifications or other solicitation documents, the prospective Bidder should contact the Technical person whose name appears on the first page of the Request for Quotes, no later than five (5) days before the opening date. Any revisions to the solicitation will be made only by addendum, issued by OWNER.
- 3. ADDENDA:** In the event there are any addenda, they will be posted to the OWNER's website at www.acsawater.com/bids. It is the Bidder's responsibility to check the website prior to the submittal deadline to ensure that the Bidder has a complete, up-to-date package.
- 4. PAYMENT TERMS:** Payments will be made upon verification of delivery and receipt of materials. All pay requests and supporting documentations must be approved by OWNER and will be submitted for payment in accordance with OWNER's payment policies. Approvals for payment under this procurement will be by the OWNER's designated technical representative, or their designee, as noted on Page 1 of this solicitation.
- 5. QUALIFICATIONS OF BIDDERS:** OWNERS may make such reasonable investigations as deemed proper and necessary to determine the ability of the Bidder to perform the work and the Bidder shall furnish to OWNER all such information and data for this purpose as may be requested. OWNER reserves the right to inspect Bidders physical facilities prior to award to satisfy questions regarding the Bidders capabilities. OWNER further reserves the right to reject any proposal if the evidence submitted by, or investigations of, such Bidder fails to satisfy OWNER that such Bidder is properly qualified to carry out the obligations of the contract and to complete the work/furnish the item(s) contemplated therein.
- 6. ASSIGNMENT OF CONTRACT:** A contract shall not be assignable by the Bidder in whole or in part without the written consent of OWNER.
- 7. ANTI-DISCRIMINATION:** By submitting their proposals, all Bidders certify to OWNER that they will conform to the provisions of the Presidential Order #11246, the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Act of 1975, as amended, where applicable, and Section 2.2-4311 of the Virginia Public Procurement Act and that during the performance of this contract, the Bidder agrees as follows:

The Bidder will not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by the state law relating to discrimination in employment, except when there is bona fide occupational qualification reasonably necessary to the normal operation of the Bidder. The Bidder agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

Notices, advertisements and solicitations placed by or on behalf of the Bidder will state that such contractor is an equal opportunity employer.

Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.

The Bidder will include the provisions of the foregoing paragraphs in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

- 8. NONDISCRIMINATION AGAINST FAITH-BASED ORGANIZATION:** In accordance with the Personal Responsibility and Work Opportunity Reconciliation Act of 1996, P.L. 104-193, the OWNER will not discriminate against faith-based organizations. The bidder also agrees to abide by § 2.2-4343.1 of the Virginia Public Procurement Act.
- 9. MINORITY AND WOMEN-OWNED BUSINESSES:** In accordance with Presidential Executive Orders #12138 & #11625 OWNER actively solicits both minority and women-owned businesses to respond to all Invitations to Bid and Requests for Proposal, and if not already on the Authority's mailing list, you may request application for inclusion on the list. Should you be interested, please contact the Authority at (540) 245-5670 and request information.

Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the contractor enters into pursuant to this contract. The contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful minority group and female representation among their employees.

- 10. DRUG-FREE WORKPLACE:** During the performance of this contract, the Contractor agrees to (i) provide a drug-free workplace for the contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violation of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the contractor that the contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.

For the purposes of this section, "*drug-free workplace*" means a site for the performance of work done in connection with a specific contract awarded to a contractor in accordance with this chapter, the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.

- 11. ETHICS IN PUBLIC CONTRACTING:** By submitting their proposals, all Bidders certify that their proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other Bidder, supplier, manufacturer or subcontractor in connection with their proposal.
- 12. PUBLIC INSPECTION OF PROCUREMENT RECORDS:** Proposals submitted shall be subject to public inspection only in accordance with Virginia Code § 2.2-4342.
- 13. COSTS OF PROPOSAL PREPARATION:** Any costs incurred by the Bidders in preparing or submitting proposals are the Bidders' responsibility. OWNER will not reimburse any Bidder for any costs incurred as a result of a response to this Request for Quotes.
- 14. OWNERSHIP OF MATERIAL:** Ownership of all data, material and documentation originated and prepared for OWNER, including any electronic media, shall belong exclusively to OWNER and be subject to public inspection in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by a Bidder shall not be subject to public disclosure under the Virginia Freedom of Information Act; however, the Bidder must invoke the protection of this section prior to, or upon submission, of the data or other materials, and must identify the data or other materials to be protected and state the reasons why protection is necessary to the extent that such protected material is separately packaged and so identified in the Quote Submittal envelope.

15. CANCELLATION OF CONTRACT: Unless otherwise specified in the RFQ, the OWNER may terminate the resulting contract for its convenience upon thirty (30) days written notice to the Bidder. The Bidder shall not be paid for any service rendered or expense incurred after receipt of such notice except such fees and expenses incurred prior to the effective date of termination that are necessary for curtailment of the Bidder's work under this contract.

16. INSURANCE COVERAGE: Unless otherwise specified in the RFQ, the Bidder shall maintain the following insurance to protect it from claims under the Workmen's Compensation Act, and from any other claims for personal injury, including death, and for damage to property that may arise from operations under the Contract, whether such operations be by itself or by any subcontractor, or anyone directly or indirectly employed by either of them.

<u>TYPE OF COVERAGE</u>	<u>LIMITS</u>
Workers' Compensation and Employer's Liability including coverage under United States Longshoremen's and Harbor Worker's Act where applicable	Statutory, including Employer's Liability of \$100,000.00 Each Accident \$500,000.00 Disease-Policy Limit \$100,000.00 Disease-Each Employee
Comprehensive General Liability endorsement coverage.	Including the Broad Form C.G.L.
Premises – Operations Bodily Injury Liability and Property Damage Liability Combined	\$500,000 Each Occurrence \$1,000,000 Aggregate
Automobile Bodily Injury Liability and Property Damage Liability Combined covering all automobiles, trucks, tractors, trailers, or other automobile equipment, whether owned, non-owned, or hired by the Bidder	\$500,000 Per Accident
Umbrella/Excess Liability	\$1,000,000 Each Occurrence \$2,000,000 Aggregate

The OWNER reserves the right to require insurance of any Bidder in greater amounts provided notice of such requirements is stated in the Solicitation.

17. OBLIGATION OF BIDDER: By submitting a proposal, the Bidder covenants and agrees that he has satisfied himself, from his own investigation of the conditions to be met, that he fully understands his obligation and that he will not make any claim for, or have right to cancellation or relief from the contract because of any misunderstanding or lack of information.

18. UNAUTHORIZED ALIENS: In accordance with Virginia Code § 2.2-4311.1. Compliance with federal, state, and local laws and federal immigration law requires that the contractor does not, and shall not during the performance of any awarded contract, knowingly employ an unauthorized alien as defined in the federal Immigration Reform and Control Act of 1986.

19. COOPERATIVE PROCUREMENT

- i. This procurement is being conducted on behalf of the OWNER in accordance with the provisions of §2.2-4304 of the Virginia Public Procurement Act.
- ii. If approved by the bidder, the contract resulting from this procurement may be used by other public bodies to purchase at contract prices and in accordance with the contract terms. The bidder shall deal directly with any public body it approves to use the contract. Failure to extend a contract to another public body will have no effect on consideration of bidder's bid/proposal.
- iii. With the approval of the bidder, any public body using the resultant contract has the option of executing a separate contract with the bidder to add terms and conditions required by statute, ordinances, or regulations, or to remove terms and conditions which conflict with its governing statutes, ordinances, or regulations.
- iv. The OWNER, its officials and staff are not responsible for placement of orders, invoicing, payments, contractual disputes, or any other transactions between the bidder and any other public bodies, and in no event shall the OWNER, its officials or staff be responsible for any costs, damages or injury resulting to any party from use of an OWNER contract. If, when preparing such a contract, the additional terms and conditions of a public body seeking to purchase pursuant to cooperative procurement are unacceptable to the bidder, the bidder may withdraw its consent to extension of the contract to that particular public body.
- v. The OWNER assumes no responsibility for any notification of the availability of the contract for use by other public bodies, but the bidder may carry out such notification.

SPECIAL TERMS AND CONDITIONS

- A. AWARD:** The OWNER reserves the right to reject any or all quotes, to waive informalities in any quote, and to purchase any whole or part of the items listed in the quote as deemed to be in the best interest of the OWNER.
- B. AWARD CRITERIA:** The contract will be awarded to the responsive and responsible bidder with the lowest grand total.
- C. AVAILABILITY OF FUNDS:** It is understood and agreed between the parties herein that OWNER shall be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this agreement. Unless canceled or rejected, a responsive quote from the lowest responsible bidder shall be accepted as submitted, except that, if the bid from the lowest responsible bidder exceeds available funds, the OWNER may negotiate with the apparent low bidder to obtain a contract price within available funds in accordance with Terms and Conditions, Item I, below.
- D. QUOTE ACCEPTANCE PERIOD:** Any quote in response to this solicitation shall be valid for (45) days. At the end of (45) days the quote may be withdrawn at the written request of the bidder. If the quote is not withdrawn at that time it remains in effect until an award is made or the solicitation is canceled.
- E. QUOTE PRICES:** Quote shall be in the form of a firm unit price for each item during the contract period.
- F. EXTRA CHARGES NOT ALLOWED:** By submitting their (quotes/proposals), all (bidders/offerors) certify and warrant that the price offered for *F.O.B. destination* includes only the actual freight rate costs at the lowest and best rate and is based upon the actual weight of the goods to be shipped. Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with purchase order number, commodity description, and quantity.

- G. PRODUCT INFORMATION:** The Bidder shall clearly and specifically identify the product being offered and enclose complete and detailed descriptive literature, catalog cuts and specifications with the bid to enable OWNER to determine if the product offered meets the requirements of the solicitation. Failure to do so may cause the bid/proposal to be considered nonresponsive.
- H. PRICE ESCALATION/DE-ESCALATION:** Prices quoted shall remain firm for one (1) year. Bidders may request a price adjustment for subsequent years of the contract once per year. Price increases may not be greater than the annualized relevant PPI as specified in the Bureau of Labor Statistics (BLS) Producer Price Index or other method subject to the approval of the Authority. Negative BLS index: If the agreed upon index is a negative number the bidder shall immediately reduce contract rates by the same amount for the duration of the contract year. By submission of a bid, bidder agrees and accepts the terms above for the duration of the contract.
- I. NEGOTIATION WITH THE LOWEST BIDDER:** Unless all quotes are cancelled or rejected, OWNER reserves the right granted by § 2.2-4318 of the *Code of Virginia* to negotiate with the lowest responsive, responsible bidder to obtain a contract price within the funds available to the agency whenever such low quote exceeds OWNER's available funds. For the purpose of determining when such negotiations may take place, the term "available funds" shall mean those funds which were budgeted by OWNER for this contract prior to the issuance of the written Request for Quotes. Negotiations with the low bidder may include both modifications of the bid price and other items required to be performed. The OWNER shall initiate such negotiations by written notice to the lowest responsive, responsible bidder that its quote exceeds the available funds and that the agency wishes to negotiate a lower contract price. The times, places, and manner of negotiating shall be agreed to by OWNER and the lowest responsive, responsible bidder(s).

END OF SECTION

ATTACHMENT A

SPECIFICATION

The OWNER is requesting quotes for the printing, folding, and mailing of its Annual Consumer Confidence Reports (CCRs). Potential bidders may partner with other vendors to provide all of the services required. The OWNER should receive one invoice from the primary bidder covering all services.

The OWNER operates 11 separate water service areas, each with a different CCR. The estimated quantities to be printed, folded, and mailed are listed below.

NOTE: The quantities shown below are estimates only and are not to be construed as a commitment by the OWNER to purchase these amounts. The OWNER reserves the right to increase or decrease quantities depending on need. Unit price quoted shall remain effective regardless of quantity ordered.

Service Area	Quantity
South River	9,600
Verona	2,250
Augusta Springs	155
Blackburn	440
Weyers Cave	950
Rt. 250 West	130
Churchville	495
Vesper View/Dooms	1,000
Harriston	180
Middlebrook	65
Deerfield	90
Grand Total	15,355

The OWNER currently utilizes QuarkXpress 2020 to design the CCRs. The Quark design files or PDFs will be provided to the successful bidder for printing. A proof of each CCR will be required prior to printing.

Each CCR is printed on 11" x 17" Stock 80# Finch Fine Print (or equal), 4/4 color, 2-sided, then folded to 8.5" x 11", then tri-folded. A sample has been included at the end of the RFQ.

Not all prints will be mailed to customers and any overage will be sent to the OWNER for use during the year.

An Excel spreadsheet containing the names, addresses, and service areas of customers to receive CCRs will be provided.

CCRs **MUST** be postmarked by June 30 of each year (at the latest). OWNER will provide CCR information to the successful bidder at least 6 weeks prior to the deadline. Successful bidder will allow at least five business days for OWNER to review the proofs.

ATTACHMENT B - QUOTE SHEET

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL)

Service Area	Quantity	Unit Cost	Total Cost
South River	9,600		
Verona	2,250		
Augusta Springs	155		
Blackburn	440		
Weyers Cave	950		
Rt. 250 West	130		
Churchville	495		
Vesper View/Dooms	1,000		
Harriston	180		
Middlebrook	65		
Deerfield	90		
Grand Total	15,355		

ATTACHMENT C REFERENCES

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL)

The bidder must have the capability and capacity in all respects to fully satisfy all of the contractual requirements. To that end, please provide the following information:

1. **YEARS IN BUSINESS:** Indicate the length of time you have been in business providing this type of printing and mailing service. ____ years ____ months.

2. **REFERENCES:** Indicate below, at a minimum, two (2) recent references for whom you have provided this type of printing and mailing service. Include the date service was furnished and the name and address of the person the Service Authority has your permission to contact.

Date Provided	Client and Address	Contact Person and Phone Number
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL

ATTACHMENT D

AFFIDAVIT OF NON-COLLUSION

(THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL)

TO THE AUGUSTA COUNTY SERVICE AUTHORITY:

The undersigned hereby declares that he (it) is the only person (firm) with an interest in this quote being submitted; that it is made without any connection with any person making another quote for this same contract; that the quote is in all respects fair and without collusion or fraud; and that no official or any person in the employ of the Augusta County Service Authority is directly or indirectly interested in this quote or any portion of the profit thereof.

The undersigned also declares that they have carefully examined the Request for Quote specifications, all annexed instructions, addenda, and attachments and will provide all the required services and will fulfill all the terms of the quote.

Signature: _____

Title: _____

Date: _____

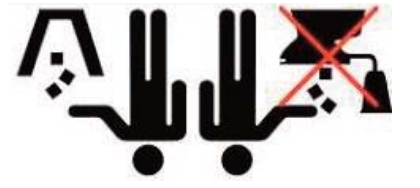
ADDRESS OF PRINCIPAL PLACE OF BUSINESS:

Telephone: _____

Facsimile: _____

Email Address: _____

*****THIS COMPLETED PAGE MUST BE INCLUDED WITH YOUR QUOTE SUBMITTAL*****



Do not use your toilet as a trash can. Every time you flush your toilet, you use 2 - 3 gallons of water.

Water Saving Tip

The treated water is distributed through pipes and is delivered to your home. added for cavity prevention. disease-causing organisms and fluoride is added for cavity prevention. The water is filtered through membrane filtration, then chlorine is added to kill any

How Is Your Water Treated?

The source of the Augusta Springs Water System's drinking water is groundwater from either a well or spring. An emergency connection with the Town of Craigsville is available.

Where Does Your Water Come From?

Use cold water, not hot water, for cooking. Hot water is more likely to contain rust, copper, and lead from your household plumbing and water heater because these metals dissolve into hot water from the plumbing faster than into cold water.

Did You Know?

2019 Water Quality Report Augusta Springs Water System



Augusta County Service Authority
18 Government Center Lane
P.O. Box 859, Verona, VA 24482
Telephone: (540) 245-5681
Fax: (540) 245-5684
Website: www.acsawater.com

Source Water Assessment
A source water assessment has been completed by the Virginia Department of Health. More specific information may be obtained by contacting the Augusta County Service Authority at (540) 245-5670.



Who's Most Vulnerable?
Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 (800-426-4791).
* Environmental Protection Agency
* Centers for Disease Control

ACSA is committed to providing you with information about your water supply, because customers who are well informed are our best allies in supporting improvements necessary to maintain the highest drinking water standards.
ACSA (540) 245-5681 or www.acsawater.com with links to American Water Works Association (AWWA) and Water Environment Federation (WEF)
More information is available at waterdata.usgs.gov and www.epa.gov/ground-water-and-drinking-water/
Safe Drinking Water Hotline (800) 426-4791
Virginia State Health Department (Lexington) (540) 463-7136 www.vdh.virginia.gov/drinking-water/
Monthly Board Meetings are held on the third Thursday of each month at the Augusta County Government Center in Verona. Meetings start at 1:30 p.m.



This **Annual Water Quality Report** has been developed to keep you informed about the ACSA's water quality. The Service Authority is committed to supplying safe water that meets or exceeds state and federal regulations and achieves the highest standards of customer satisfaction. Please take a few minutes to read this report.

About Your Water.....

We are proud to report that the water provided by ACSA to our Augusta Springs customers met all federal and state standards for drinking water for 2019.

This report includes details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies.



Augusta County Service Authority
P.O. Box 859
Verona, VA 24482-0859

First Class Mail
U.S. Postage
Paid
Harrisonburg, VA
Permit No. 129

We constantly monitor for various contaminants in the water supply to meet all regulatory requirements. This table lists only the regulated contaminants which had some level of detection in 2019. Many other contaminants have been analyzed but were not present or were below the detection limits of the lab equipment.

Treated Water Quality Roundup

Substance	Highest Level Allowed (EPA's MCL*)	Highest Level Detected	Ideal Goals (EPA's MCLGs*)	Meets EPA Standards	Date Most Recent Testing Completed	Possible Sources
Regulated at the Treatment Plant						
Barium	2 ppm	0.077 ppm	2 ppm	✓	September 2019	Erosion of natural deposits
Chlorine	MRDL = 4 ppm	Avg.: 1.8 ppm Range: 1.5 - 2.2 ppm	MRDLG = 4 ppm	✓	2019, Daily	Water additive used to control microbes
Turbidity**	TT = 0.3 NTU	Max.: 0.047 NTU 100%	N/A	✓	2019, Daily	Soil runoff
Fluoride	4 ppm	Avg.: 0.8 ppm Range: 0.2 to 0.9 ppm	4 ppm	✓	2019, Daily	Water additive
Nitrate Plus Nitrite as Nitrogen	10 ppm	0.29 ppm	10 ppm	✓	September 2019	Runoff from fertilizer use; leaching from sewer, erosion of natural deposits
Regulated at the Customers' Tap - Next scheduled sampling date: July 2020						
Lead*** (90th Percentile)	15 ppb Action Level (AL)	0.9 ppb None of the 5 samples collected exceeded the AL	0 ppb	✓	July 2017	Customer plumbing and service connection
Copper*** (90th Percentile)	1.3 ppm Action Level (AL)	0.33 ppm None of the 5 samples collected exceeded the AL	1.3 ppm	✓	July 2017	
Regulated in the Distribution System						
Trihalomethanes (TTHM)	80 ppb	27.8 ppb	0 ppb	✓	August 2019	By-product of drinking water chlorination
Haloacetic Acid (HAA)	60 ppb	14 ppb	0 ppb	✓	August 2019	
<p>*Definitions: (AL) Action Level - The concentration of a contaminant which, if exceeded, triggers a treatment or other requirements which a water system must follow. (MCL) Maximum Contaminant Level - Highest level of a contaminant that is allowed by EPA in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology. (MCLG) Maximum Contaminant Level Goal - 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. (MRDL) Maximum Residual Disinfectant Level - 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.</p>						
<p>(MRDLG) Maximum Residual Disinfectant Level Goal - The level of a drinking water disinfectant below which there is no known or expected health risk. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination. (NTU) Nephelometric Turbidity Unit - A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person. pCi/L - Picocuries per liter is a measure of the radioactivity in water. ppb - one part per billion, example is a single penny in \$10,000,000. ppm - one part per million, example is a single penny in \$10,000. (TT) Treatment Technique - A required process intended to reduce the level of a contaminant in drinking water.</p>						

** Percent (%) represents the lowest monthly percentage samples which met the turbidity limits. Turbidity has no known health effects; however, it can interfere with disinfection and provides a medium for bacterial growth. We monitor turbidity because it is a good indicator of the effectiveness of our filtration system.

***Data presented in this table are the most recent testing performed in accordance with federal and state regulations. The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though accurate, is more than one year old.

Additional Water Quality Parameters

Parameter	Detected Level	Suggested Limit
Alkalinity	61 ppm	No Standard
Color	<5 Color Units (CU)	15 CU
Hardness	79 ppm*	No Standard
Sodium	2.8 ppm	No Standard
Manganese	<0.005 ppm	0.05 ppm
Iron	<0.01 ppm	0.3 ppm

*This water is considered moderately hard. (equivalent to 4.6 grains per gallon)

Substances Expected To Be In Drinking Water

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 land's surface or through the ground, it dissolves naturally occurring minerals and radioactive material, and can be polluted by animals or human activity.

Contaminants that may be present in source water include:

- ☛ Microbiological 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 runoff, industrial or domestic waste water discharges, oil and gas production, mining, or farming.

- ☛ Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- ☛ Organic chemical contaminants, including 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 materials, which can be naturally occurring or be the result of oil and gas production and mining activities.

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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791) or the Virginia State Health Department (540-463-7136).



Troy Perryman, Plant Operator Assistant



Lead Contaminants

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Augusta County Service Authority is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested.

Information on lead in drinking water, testing methods, and steps to minimize exposure is available from the Safe Drinking Water Hotline (800-426-4791) or at <http://www.epa.gov/safewater/lead>.