

PROFESSIONAL SERVICES

Cleaning: Apts., offices, businesses, etc. Dependable and efficient. Many years experience. 256-8457; ask for Tami. Also child care available, pre-school infants. 325-29.

CBS Yard Work: Free estimates, reasonable rates. Call 606-256-5556, leave name and number 3262.

Tiger Lawn Care: Mowing, trimming, landscaping. Precision lawn care at affordable prices. Free estimates. Call 256-1813. 31x1x1.

Jonas Auto Detailing: Freedom School Road, Mt. Vernon. Call 256-1560 or (Cell) 606-687-6332. 31x1x1.

Teddy's Painting: Experienced, insured, free estimates. 859-6661-0553. 30x4.

Rob's Vauling: 15 years experience. Satisfaction guaranteed. 758-8211. 27x1x1.

Steve Spoonmore Roofing: Free Estimates. 758-4318. 25x1x1.

Owens Monuments: Grave markers and monuments - in stock. Main St., Broadfield. Phone (606) 758-9600. 10x1x1.

F&P Guttering: 5 & 6 inch seamless gutters, siding, soffit and window installation. Call 256-4393. Free estimates. 21x1x1.

Grave Markers & Monuments: In stock at all times. McVern Monument Sales, US 25, 4 miles north of Mt. Vernon. Phone 256-2232. 13x1x1.

FDX-11: Finish carpentry, remodeling, also vinyl installation and repair, door/window repair and replacement, tile repair and replacement. No job too small. Custom decks and patios. Call 606-256-4313. 48x1x1.

Love's Gun Sales & Repair: New and used guns for sale. Ammo and gun accessories. Repairs, stock replenishing, hot bluing. Certified gunsmith/locksmith firearms dealer. Maple Grove Road, Mon-Fri. 5 to 8 p.m. 256-5339. 11x1x1.

Gail's Pampered Pooch: 57 West Main St., Broadfield. 758-0064. Professional Pet Grooming lams & Eukanuba pet food, plus pet supplies available. 20x1x1.

Sewing Machine Sales & Service: 40 years exp. Leroy Davis, 407 Crab Orchard St., Lancaster, KY 40444. Phone 792-1149. 42x1x1.

David's Sewing Machine: Free estimates. 25 years experience. Call (606) 555-0822. 51x1x1.

Hayes Hauling: Gravel, etc. Call 256-4695, mobile 344-7730. 26x1x1.

S&S Steam Cleaning/Pressure Washing: Vinyl siding, gutters, patios, sidewalks, deck restoration - 20x1x1.

clean and treat, farm and construction equipment, store fronts. Call Kevin at 758-9084. 27x1x1.

Does Your Doggy Have a Flea? Bring him into me! Sharon's Pet Parlor behind Carter's Market by apt. only. Call 256-1481. 41x1x1.

Trees or Bushes Landscaping: Call 256-8257. 14x1x1.

K&R Builders: New Homes, Metal Buildings, Complete Remodeling, Metal/Shingle Roofing, Painting, Concrete Work. Call Ronald Rader at (606) 256-9276. Free estimates. 30 years experience. 19x1x1.

Jim Sandusky Roofing: Free estimates. Call 1-859-983-7877. 40x1x1.

Custom Woodworking/Cabinetry: Built-ins and furniture refinishing and repair. 30 years experience. Call Gregg's Woodworking. 256-0819. 22x1x1.

B&R Construction: All types of roofing, metal buildings, remodeling, vinyl siding and decks. Reasonable prices. Call 256-4333 after 6 p.m. 32x1x1.

Mobile Pressure Washing: Decks, concrete, aluminum and vinyl siding, brick and stone, machinery, equipment and more. Benny Rader, 606-256-3293, 606-308-3149 or 606-256-9999. 32x4.

Yard Sale

Yard Sale and Car Wash to benefit Relay for Life: June 7th at Rockcastle Hospital Parking Lot. Variety of items. 32x1x1.

This 9' Tall Sale Next door to Flat Rock Baptist Church off 1004. Jewelry, toys, clothes, bikes, chairs, tools, computer items, Friday and Saturday. 32x1x1.

Yard Sale: Friday, 9 to 4 and Sat. 9 to noon. Tevis St. in Mt. Vernon. Rain cancels. 32x1x1.

Yard Sale: Friday, 9 to 4 and Sat. 9 to 5:30 or 5 families. Home of Hazel Moore, Maple Grove Road beside Flat Rock Baptist Church. Signs posted. 32x1x1.

Gigantic Yard Sale: Thurs., Fri. & Sat. 9 a.m. to 7 Given by Eula Mink, Mary Ann Singleton, Shirley Wallin, Nannie McCoy and Lillie Hensley, and others at Renfro Valley just past Country Music Hall of Fame on

left. Lots of stuff. Look for balloons and signs. 32x1x1.

Yard Sale: 115 Joyce St. Friday and Saturday, 9 to 7 32x1x1.

Banjo Lessons

Beginner to Intermediate

\$10/Session

One-on-One Sessions are 30 minutes each



For more information call Spencer Bengt at 606-256-5653

Subscribe to the Signal

Eastern Rockcastle Water Association Quality Water Report

PWSD # 1020288

This report is to inform you about the excellent water and services that we deliver each day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water remains at the highest level and the price at the lowest level as we meet the needs of our customers.

We purchase water from three different sources: The first is the Jackson Co. Water main which treats surface water from the Clinch River. The second is the City of Mt. Vernon, whose source is surface water from Lake Leno, and treated at their water treatment plant located at Leno Valley. The last source is Livingston Water Works, which purchases treated water from the Wood Creek Water District. Their raw water source is Wood Creek Lake.

The Eastern Rockcastle Water Association routinely monitors for contaminants in its drinking water according to Federal and State regulations. The table enclosed within this report shows the results of our monitoring for the period of January 1, 2002 through December 31, 2002.

The source of drinking water (both tap water and bottled water) includes rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it picks up naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals and human activity. Contaminants that may be present in source water include microbial contaminants, inorganic chemicals, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems.

The final source water treatment with a summary of the system's responsibility to potential source of contamination is not due to be completed until later this year. However, a preliminary source water assessment is available in the current Rockcastle County Water Supply Plan. This plan is available for inspection at the Rockcastle Valley Area Development District office in London, Kentucky. When the plan is completed, copies will be made available for review at the Eastern Rockcastle Water Association office.

If you have questions about our water system you can, contact us at (606) 256-5480. You are also invited to attend the regular board meetings held monthly, second Friday, at 8:00 a.m. in the Kettle Inn Restaurant located in Dun, KY.

Drinking Water: This report may contain many terms and abbreviations you might not be familiar with. To help you understand these terms we are providing the following definitions:

Maximum Contaminant Level (MCL): the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLs as feasible using the best available technology.

Maximum Contaminant Level Goal (MCLG): the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs do not allow for a margin of safety.

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.

Maximum Residual Disinfectant Level Goal (MRDLG): The highest level of a disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to microbial contaminants.

Action Level (AL): the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Drinking Water Toxicity (DWT): laboratory analysis indicates that the contaminant is not present.

Treatment Technique (TT): a required process intended to reduce the level of a contaminant in drinking water.

Nephelometric Turbidity Unit (NTU): a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Parts per million (ppm): one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb): one part per billion corresponds to one minute in 2,000 years or 16 single penny in \$10,000,000.

Picocuries per liter (pCi/L): a measure of the radioactivity in water.

Not Applicable (N/A): Does not apply.

Drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of these 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 Safe Drinking Water Hotline (800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Infants, compromised persons such as persons with other underlying 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).

Notes: We are publishing this Water Quality Report in the Mt. Vernon Signal in place of mailing to each customer. Additional copies are available at our Eastern Rockcastle Water Association Office located at Center of 1787 & 1912 Clinch, Ky. 40456 or will be mailed upon request.

DIC-ethyl(hexyl) phthalate [2039] (ppb)	6	0	#1=9 #2=1.3	#1=9 #2=1.3	#1=Mar #2=May 2002	#1=N #2=N	Discharge from rubber and chemical facilities
Copper [1022] (ppm) (if also exceeded the AL)	AL	1.3	1.00 (ppm) (percentage)	2006 1.26	Aug 2002	N	Corrosion of household plumbing systems, erosion of natural deposits

Fluoride [1025] (ppm)	4	4	#1=1.18 #2=1.29	#1=71 #2=1.18	#1=Nov #2=Apr 2002	#1=N #2=N	Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and chemical facilities
Lead [1010] (ppb) (No site exceeded the AL)	15	0	2.8 (ppb) (percentage)	100.7 1.8	Aug 2002	N	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate (as Nitrogen) [1040] (ppm)	10	10	#1=0.401 #2=0.45	#1=0.3 #2=0.45	#1=Feb #2=Jun 2002	#1=N #2=N	Runoff from fertilizer use, leaching from septic tanks, sewage, erosion of natural deposits
TTTH (Total Trihalomethanes) (ppb)	80	0	#1=87 #2=58	#1=40 #2=37	#1=Nov #2=Apr 2002	#1=N #2=N	By-product of drinking water chlorination
Halomethane Acids (HAA5) (ppb)	60	N/A	#1=77 #2=69	#1=40 #2=37	#1=Nov #2=Apr 2002	#1=N #2=N	By-product of drinking water chlorination
Total Organic Carbon	TT	N/A	#1=1 #2=1.0	#1=0.61 #2=1.32	#1=Nov #2=Apr 2002	#1=N #2=N	Naturally present in environment

#1 Represents water treated at Jackson County Water Association and serves Clinch, Red Hill and Hwy. 4490 area.

#2 Represents water treated at the City of Mt. Vernon water treatment plant and serves our customers in Sand Springs and Highway #1004 area.

#3 Represents water purchased from Livingston Water Works, which is treated at Woods Creek and serves the Sand Hill community.

Total Organic Carbon: Total organic carbon, or TOC, has no health effects. However, TOC provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes, THMs, and haloacetic acids, or HAAs. Drinking water containing these by-products in excess of the MCLs may lead to adverse health effects. Liver or kidney problems, or nervous system effects and may lead to an increased risk of getting cancer. Our source #2 did not meet the required removal of total organic carbon, however, due to a waiver from the Kentucky Division of Water, this does not constitute a violation. The utility is coordinating with the Division of Water to modify treatment to remove more total organic carbon.

Maximum Contaminant Levels (MCLs): MCLs are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Water Quality Violations and Health Effects: TTTH (Total Trihalomethanes): The current MCL for total trihalomethanes (TTTH) is 80 ppb and our source #1 exceeded the MCL by 7 ppb. Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer. The water system has modified the flushing program and is taking steps to reduce the levels of trihalomethanes in the distribution system.

Haloacetic Acids (HAA5): Some people who drink water containing haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer. The current MCL for HAA5 is 60 ppb and our source #1 exceeded the MCL by 17 ppb and source #2 exceeded the MCL by 9 ppb. Both utilities have modified their treatment process and stepped up their flushing program to reduce the levels of HAA5 in the distribution system.

We tested our water for coliform bacteria according to EPA Regulations and laboratory analysis indicated no positive samples during the year 2002.

Monitoring and Reporting Violations of water purchased from Jackson Co. Water Association: In 2001 they received a monitoring reporting violation for trihalomethanes. Although they were following a monitoring schedule provided by the Kentucky Division of Water, unfortunately, it was incorrect. A sample was collected in March of 2000 and the laboratory results were below the MCL. Corrected measures have been implemented to prevent future violations of this type.

We at Eastern Rockcastle Water Association work diligently to provide top quality water to every tap. Our water operators are highly trained, tested and certified by the state of Kentucky. We ask that all our customers help to protect our water resources, which are the heart of our community, our way of life and our children's future.

Quality On Tap!
Our Customers Our Pride

This data presented in this report was from the most recent testing done in accordance with administrative regulations in 401 KAR Chapter 8. As submitted and approved by EPA, the Kentucky Division of Water has reduced monitoring requirements for certain contaminants to less than one time per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data in this table, though representative, may be more than one year old.

Contaminant	Allowable Level	Highest Single Measurement	Lowest Monthly %	Violation Y/N	Liability Source
Turbidity (NTU) TT	Never more than 5 NTU Less than 0.5 NTU 99% of samples each month	#1=0.25 #2=0.46 #3=0.14	#1=100% #2=100% #3=N	#1=N #2=N #3=N	Not runoff

REGULATED CONTAMINANT TEST RESULTS

Contaminant (unit/measure)	MCL	MCLG	Level Measured	Range	Date of Sample	Violation Y/N	Liability Source of Contamination
Alpha methyl (4010) (pCi/L)	15	0	#1=0.9 #2=8 #3=0.6	#1=0.3-5.9 #2=2.8 #3=0.6	#1=Nov 2002 #2=Nov 2002 #3=Nov 1999	#1=N #2=N #3=N	Discharge of drilling water, discharge from metal refineries, erosion of natural deposits
Combined radon (CGV)	5	0	#2=1.5	#2=1.5	#2=May 2002	#2=N	Erosion of natural deposits
Radon 228 (4009) (pCi/L)	5	0	#1=0.9	#1=0.9	#1=Apr 2002	#1=N	Erosion of natural deposits
Asbestos (MCL)	7	7	#1=0.01 #2=0.02	#1=0.01-0.02 #2=0.02	#1=July 2002 #2=July 2002	#1=N #2=N	Dissolution of asbestos containing water main, erosion of natural deposits
Boron [1010] (ppm)	2	2	#1=0.04 #2=0.02 #3=0.02	#1=0.04-0.04 #2=0.02 #3=0.02	#1=Jun 2002 #2=Nov 2002 #3=Nov 2002	#1=N #2=N #3=N	Discharge of drilling water, discharge from metal refineries, erosion of natural deposits
Chlorine (ppm)	MCL	MCLG	#1=0.08 #2=1.72 (actual average)	#1=0.08-1.72 #2=0.7-2.04	#1=Nov 2002 #2=Nov 2002	#1=N #2=N	Water additive used to control microbes
Chromium [1020] (ppb)	100	100	#3=2	#3=2	#3=Nov 2002	#3=N	Discharge from steel and pulp mills, erosion of natural deposits