



Monroe County Water Authority

2010 Water Quality Monitoring Program Summary

If you have any questions on this report, please call our Customer Service Department at (985) 442-7200.

Table with columns for Parameter, EPA/MS/MS, MCLs, Units, and monitoring data for Shoremont WTP, Corfu WTP, Hemlock WTP, and ECWA. Includes sections for Inorganics, Volatile Organics, Organics, Pesticides, Herbicides, and Disinfectant Byproducts.

Not Detected

Not Detected

Not Detected

Not Detected

Not Detected

Not Detected

Not Detected

Not Detected

Key: MCL = Maximum Contaminant Level, the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as possible. MCLG = Maximum Contaminant Level Goal, the level of a contaminant below which there is no known or expected risk to health. MCLGs allow for a margin of safety. TT = Treatment Technique, a required process intended to reduce the level of a contaminant in drinking water. AL = Action Level, the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. Not Detected = ND = absent or present at less than testing method detection level. All testing methods are EPA approved with detection limits much less than the MCL. NA = Not applicable NR = Not required NS = No standard NT = Not Tested mg/L = milligram (1/1,000,000 of a gram) per liter = ppm = parts per million ug/L = microgram (1/1,000,000,000 of a gram) per liter = ppb = parts per billion ng/L = nanogram (1/1,000,000,000,000 of a gram) per liter = ppt = parts per trillion pg/L = picogram (1/1,000,000,000,000 of a gram) per liter = ppq = parts per quadrillion pCi/L = picocuries per liter NTU = Nephelometric turbidity Unit, a measure of the clarity of water. MFL = million fibers per liter, a measure of the presence of asbestos fibers longer than 10 (year) = Most recent testing. Monitoring frequency requirements vary depending on *Action level; if >10% of results are greater than 15 ug/L for lead or 1.3 mg/L for copper, remedial steps are required. In MCWA's combined retail area, 90% of the samples were less than 4.3 ug/L for lead and 0.100 mg/L for copper. ** = 95% of measurements within a given month must be less than <0.3 NTUs. *** = Average of monthly distribution system turbidity samples must be less than 5.0 NTUs. **** = 95% of monthly distribution system samples must have a measurable chlorine residual. Note: Total Hardness is also expressed in grains per gallon. The Total Hardness of the Ontario and Hemlock supplies are 7.6 and 5.6 grains per gallon respectively.