



State of Ohio Environmental



Northeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

June 1, 2010

RE: WAYNE COUNTY
VILLAGE OF WEST SALEM
COMMUNITY WATER SYSTEM
PWS ID #8504311
STU ID #8562391

Mr. George Hutchens
Village of West Salem
27 S. Main St.
P.O. Box 256
West Salem, OH 44287

SUBJECT: Notice of Violation of Monthly Operating Sampling and Reporting

Dear Mr. Hutchens:

On May 13, 2010, this office received the April 2010 Monthly Operating Report from the Village of West Salem. The Monthly Operating Report is provided as a means to relay compliance information about the operation of the water treatment plant, and is required by the Ohio Administrative Code Rule 3745-83-01(I). Operational monitoring is conducted throughout the month to test the treatment effectiveness of the water plant. You are required to monitor and report as indicated in the table below:

Water Analysis	Prior to Fluoridation	Entry Point	Distr. System	Required Analyst
Chlorine Residual Free		Daily	Daily	Can be done in-house, with DPD Test Kit
Chlorine Residual Combined		Daily	Daily	Can be done in-house, with DPD Test Kit
Fluoride	Monthly	Daily		Certified Laboratory
pH		Bi-Weekly		Person designated on a valid laboratory certificate
Alkalinity Total		Bi-Weekly		Person designated on a valid laboratory certificate
Hardness		Weekly		Certified Laboratory
Iron		Weekly Daily/Monthly*		Certified Laboratory
Manganese		Weekly Daily/Monthly*		Certified Laboratory

*Daily in-house analysis (with an acceptable test kit) plus one Monthly analysis at a certified lab is alternative monitoring per OAC 3745-83-01(G)(9)(b) and (G)(10)(b). Otherwise, analyses must be completed weekly at a certified laboratory.



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Please note the following violations:

1. **Iron and Manganese.** OAC Rules 3745-83-01(G)(9) and (G)(10) require iron and manganese either to be tested weekly at a certified laboratory, or to be tested daily in-house, with one monthly split sample taken both in-house and by a certified laboratory. OAC Rule 3745-83-01(I) requires samples taken to be reported to the Ohio EPA. Only two samples were reported for iron, and only two samples were reported for manganese for the month of April. **Please sample for and report weekly iron and manganese results as required.**
2. **Hardness.** OAC Rule 3745-83-01(G)(8) states, "A public water system serving two hundred and fifty or more persons that provide... membrane technology to reduce hardness shall monitor for hardness at least weekly at each entry point to the distribution system." OAC Rule 3745-83-01(I) requires samples taken to be reported to the Ohio EPA. The Village of West Salem is required to test for hardness weekly. No samples were reported for hardness for the month of April. **Please sample for and report hardness results as required.**

If you have any questions regarding this correspondence, or if you need any assistance, please contact me at (330) 963-1194 or at my e-mail address, kathy.metropulos@epa.state.oh.us.

Sincerely,



Kathy Metropulos
Environmental Specialist
Division of Drinking and Ground Waters

Km:ds

pc: Wayne County Health Department