



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

Re: McComb Village
Inspection
Letter of Compliance
Drinking Water Program
Hancock County
PWS ID: OH3200411

August 19, 2015

Mr. Kevin Siferd
Village of McComb
210 East Main Street
P. O. Box 340
McComb, Ohio 45858-0340

Subject: Sanitary Survey - Community Water System

Dear Mr. Siferd:

On March 25, 2015, and August 12 and 13, 2015, I conducted limited site scope visits of the Village of McComb public water system. Ann Scott, Industrial Fluid Management, Thomas Shumaker, Operator of Record, and you were interviewed and the public water system was inspected in your presence. The purpose of this evaluation was to determine the ability of the facility to provide adequate, safe and potable water that meets the requirements of the Ohio Administrative Code. This report is as a result of my findings on August 12 and 13, 2015. An additional detailed report was issued on April 7, 2015.

Identified below are regulatory violations for which action must be taken to return to compliance, and recommendations to address deficiencies that have the potential to cause future violations or contamination. Each of the following sections is a result of findings documented in the Limited Site Scope Visit Report, copies of which are attached.

Violations

Per Ohio Administrative Code rule 3745-81-60(D), a public water system must respond, in writing, within 10 days, indicating how and on what schedule the system will address the following violation. The violations must be resolved within a reasonable schedule.

1. The public water system failed to maintain the manganese less than the secondary maximum contaminant level of 0.05 mg/L (50 µg/L) at the entry point into distribution system. Notices of violation were previously issued because of manganese exceedances during June and July 2015. Manganese in the finished water must not exceed 50 µg/L. Daily manganese monitoring of the finished water must continue. [Rules 3745-91-09(B) & 3745-83-01(F)(6)]
2. The filter media must be replaced with media that conforms with the specifications of the detail plans of the plan approval (3731, 11/10/1998). The filter media must be periodically evaluated. Filter media sieve analyses are required in accordance with standards AWWA B100-09, Granular Filter Material, and B604-12, Granular Activated Carbon. The filter media sieve reports must be submitted for our review and records. [Rule 3745-91-08(G)(1)]
3. The clearwell must be properly maintained. On August 26, 2015, the clearwell is scheduled for cleaning to remove sediment. The clearwell must have routine comprehensive inspections. [Rule 3745-91-08(G)(1)]
4. An aeration system must be installed in the reservoirs to control the manganese in the raw water from reservoirs. The maintenance application of algacide should continue as necessary. Water quality monitoring has been proceeding of the source water from Rader Creek and the reservoirs. Additional treatment such as filters may be proposed that are designed for reliable and consistent manganese removal. [Rule 3745-91-09(B)]
5. The oxidant feed systems must be properly operated and maintained. The permanganate dosage had been insufficient. A temporary hypochlorite feed system is installed to supplement the oxidation prior to the filters. Detail plans for plan approval must be submitted if the hypochlorite feed system will be permanent. [rule 3745-91-08(G)(1)]

RECOMMENDATIONS

The following deficiencies are not regulatory violations, but are actions that are recommended by this Agency for optimum operation and to reduce the potential for future violations or contamination.

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1. A second clearwell should be constructed with appropriate baffling. A minimum of two clearwells or a clearwell with two compartments must be provided. [RSFWW section 7.1.2(d)]
2. Installation of a SCADA (Supervisory Control and Data Acquisition) is recommended for treatment plant operation. [RSFWW 2007]
3. A filter assessment should be completed for optimization of the filtration. The filtration rates and filter runtime have been much less than the original performance. In addition, the filtered water turbidity has exceeded 0.3 NTU. The filtered water turbidity should be consistently and reliably less than 0.1 NTU.
4. Dissolved-oxygen monitoring is recommended in the raw water from the reservoir. A dissolved-oxygen meter is being procured by the village. In addition with manganese monitoring and other data, the dissolved-oxygen monitoring will provide data to optimize the treatment for manganese removal.

If you have any questions regarding this letter, or any other matter involving your water system, you may contact me at (419)373-3048, or by email [Ralph.Baker@epa.ohio.gov].

Sincerely,



Ralph J. Baker
Engineer
Division of Drinking and Ground Waters

/l/r

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DDAGW NWDO
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