



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Michael S. Steele
Lt. Governor

Jonas A. Jacobson
Deputy Secretary

December 22, 2006

Robert McGrory, Town Manager
101 Lawyers Row
Centreville, MD 21617

Re: PWSID: 017-0001 Town of Centreville Water System

Dear Mr. McGrory,

This is a follow up to my visit with Jay Jarrell and Don Reed of MES on October 27, 2006, and subsequent sanitary survey of the Centreville water system. The following issues were discussed during the inspection. Please inform the Water Supply Program by February 28, 2007 as to how these issues have been addressed or considered.

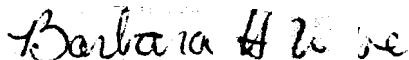
- 1) **Emergency Response Plan**: Please use the enclosed guidance to create or update your Emergency Response Plan. The plan should spell out a course of action for all possible water related emergencies and include a list of emergency phone numbers. A copy of the plan should be kept at the Town Office, the Wastewater Plant and the Water Treatment Plants.
- 2) **Chlorine Room fans, lights, and vents**: The fans and lights for the chlorine rooms in both water plants failed to come on when the switches were thrown. Please restore them to working order as soon as possible. Also, please route Well #4's chlorine vent hose to the outside and install a screen on the end. Well #5's chlorine vent hose also needs a screen to prevent clogging from insect entry.
- 3) **Chlorine levels**: Similar to last year's inspection, the free chlorine residual in the Town's distribution system (<0.1mg/l in several locations) was barely detectible and lower than is recommended (minimum 0.2mg/l). Please ensure that the chlorinators are maintained or increase the chlorine feed to better protect the system from bacteriological contamination.
- 4) **Missing Screens**: As discussed during the previous inspection, please screen the air relief valve discharge lines at both water treatment plants (one at Well #4 and two at Well #5) to prevent contamination of the water system from insects or other sources:
- 5) **Well #5's leaky blow-off valve**: As noted during the previous inspection, Well #5's blow-off runs constantly into the storm drain when the well is on. Please have the leaky valve repaired if you haven't already done so. This water loss occurs prior to Well #5's flow meter, and therefore wouldn't be accounted for in the pumpage reports.

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- 6) Firehouse Elevated Tank Overflow: The overflow pipe from the Firehouse Tank doesn't appear to terminate in the altitude valve vault as we previously thought. Please determine where this pipe leads and ensure that it is not directly connected to a storm drain or other potential source of contamination.
- 7) Treatment Changes and Reportable Incidents: Please be advised that in the future, any water treatment changes, such as the addition of the new poly-orthophosphate additive, need to be approved by MDE before they are implemented. Also, any occurrence in the operation, maintenance, repair, or extension of a water supply system or its appurtenances that causes a permanent or temporary change that may adversely affect the quality or quantity of water supplied to the users of the system needs to be reported to MDE within one hour of your becoming aware of the situation. The temporary loss of Well #5's transformer in July of this year should have been reported to MDE. Please post the enclosed reportable incidents information sheet at the Wastewater plant.
- 8) Customer Complaint Log: As discussed during previous meetings and inspections, please establish a system of tracking and referring all water related complaints. Both the water system operators and the distribution system operators should be informed of all water related complaints.

Thank you for your cooperation in ensuring the safety of the drinking water in the Town of Centreville. Please call me at 410-537-3855 if you have any questions or if I can be of any assistance.

Sincerely,



Barbara H. Weber, Public Health Engineer
Engineering and Technical Assistance Division
Water Supply Program

Cc: Don Reed, MES