

10/27/08 Telecon w/ Ann Straut Esden
submit plan:



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

October 22, 2008

Mr. Jon R. Gardner & Mr. Steven Steadman
Ledyard WPCA
P.O. Box 310
741 Colonel Ledyard Highway
Ledyard, CT 06339-1511

Post-it® Fax Note	7671	Date	10/27/08	# of pages	3
To	RYAN	From	JOHN GARDNER		
Co./Dept.	AMORY	Co.	LEDYARD, CT		
Phone #		Phone #	860.536.3181		
Fax #	781.934.6499	Fax #	860.536.9361		

PUBLIC WATER SYSTEM: Avery Hill Water Association
PWS CLASSIFICATION: Community
PWS TOWN: Ledyard, CT
PWSID: CT0720061

SUBJECT: OVERDUE RESPONSE TO SANITARY SURVEY REPORT

Dear Mr. Gardner & Mr. Steadman,

According to Drinking Water Section records, Avery Hill Water Association has not provided the required written response to the sanitary survey report issued on July 23, 2007. A formal response with a plan of action to address all of the items outlined in the report must be submitted to this office by November 21, 2008. Failure to respond to and address all violations and requirements may result in further enforcement actions.

Please refer to the Drinking Water Section website for regulations, technical assistance, and guidance documents to assist you with addressing the violations and/or deficiencies cited in the sanitary survey report.

If you have any questions regarding this matter, please feel free to contact Ann Straut-Esden at (860) 509-7333 or at 410 Capitol Avenue, MS#51WAT, P.O. Box 340308, Hartford, CT 06134-0308.

Sincerely,

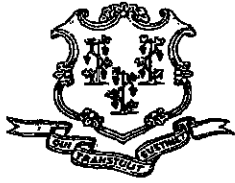
Chirayu Shah
Environmental Sanitarian
Drinking Water Section

cc: Mr. Baker Salisbury, Director of Health, Ledge Light Health District
Mr. John R. Gardner, Ledyard WPCA, Certified Operator

Phone:



Telephone Device for the Deaf: (860) 509-7191
410 Capitol Avenue - MS # _____
P.O. Box 340308 Hartford, CT 06134
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STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

July 23, 2007

Mr. Jon R. Gardner
Ledyard WPCA
PO Box 310
741 Colonel Ledyard Highway
Ledyard, CT 06339

PUBLIC WATER SYSTEM: Avery Hill Water Association
PWS CLASSIFICATION: Community
PWS TOWN: Ledyard, Connecticut
PWSID: CT0720061

SUBJECT: SANITARY SURVEY REPORT

Dear Mr. Gardner:

I performed a sanitary survey at the subject Public Water System (PWS) on 6/8/2007. The findings of this survey with associated recommended actions are as follows:

Regulatory Violations:

Applicable Regulatory Section	Description of Violation	Recommended Corrective Action
RCSA 19-13-B51d(b)(3)	Avery Hill Water Association utilizes a 6" diameter, 17 foot deep naturally developed well (driven well) as the source of water supply for 47 mobile homes. The well is located inside the pump house off of Naomi Drive. At the time of the inspection, the well had a withdrawal rate of 41 gpm. A pond is adjacent to the pump house, which is less than 50 feet from the well and therefore, not meeting the minimum separating distance of at least 50 feet from any surface water body.	Avery Hill Water Association must submit to this office a plan of action to resolve this violation.
RCSA Section 19-13-B51j(a)	The well is equipped with a split type well cap. At the time of the inspection, the electrical conduit was not sealed watertight to the well cap. In addition, a 1"	Avery Hill Water Association must submit to this office a plan of action to resolve this violation.

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Applicable Regulatory Section	Description of Violation	Recommended Corrective Action
	plastic pipe was inserted on to the well cap and was not covered.	
RCSA Section 19-13-B102(j)(2)(D)	The criteria for classifying groundwater sources of supply as potentially under the direct influence of surface water for wells constructed above a confining layer is for wells within two hundred (200) feet of surface water or the annual high water mark. Well #1 was identified on a 12/21/05 Sanitary Survey Report from Cindy Sek as being within two hundred (200) feet of surface water and a driven well constructed above a confining layer and the Avery Hill Water Association was required to commence a study to determine whether Well #1 is under the direct influence of surface water to be completed prior to June 31, 2007.	The Ground Water Under the Direct Influence Study was not received by this office. Therefore, the Avery Hill Water Association is required to commence a study to determine whether Well #1 is under the direct influence of surface water to be completed prior to December 31, 2008. Following completion of the study, a determination will be made on whether the disinfection and filtration water treatment facilities are required. Please refer to the enclosed document entitled Determination of Ground Water Under the Direct Influence of Surface water for more information regarding this regulatory requirement. As an interim measure and pursuant to the RCSA Section 19-13-B102(e)(7)(H), daily measurements for turbidity are required at the entry point to the distribution system. If any one (1) turbidity measurement exceeds one (1) NTU, a total coliform bacteria and physical parameter sample is required to be collected at the entry point to the distribution system within twenty-four (24) hours. Additionally, the Avery Hill Water Association shall maintain its current configuration of pH adjustment and disinfection treatment pursuant the RCSA Sections 19-13-B102(e)(7)(M) and 19-13-B102(e)(7)(N). If a study to determine whether Well #1 is under the direct influence of surface water has been performed previously, please submit such study to the Drinking Water Section for review.
RCSA Section 19-13-B102(e)(7)	This office has not received Avery Hill Water Association's distribution system sampling site plan.	Guidelines for preparing the sampling site plan and an Excel spreadsheet containing the necessary data elements are available on the Drinking Water Section website under Sampling Site Plan Form, http://www.dph.state.ct.us/BRS/Water/DWD.htm . This Excel spreadsheet must be completed fully and submitted to the Drinking Water Section along with the completed distribution system sampling site plan map for review and approval.

Regulatory Requirements:

None noted at this time.

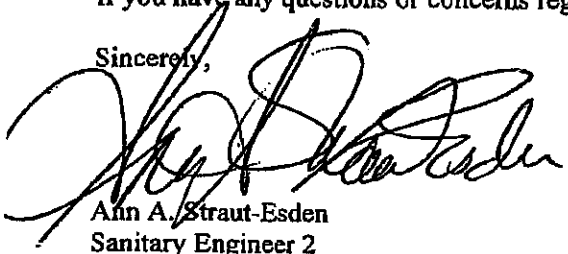
Conclusions & Recommendations:

At the time of the inspection, the chemical holding tanks and raw chemicals did not have secondary containments. The chemical holding tanks and raw chemicals should have secondary containments with a 110% containment volume.

Please also note that a formal response with a plan of action to correct all outstanding violations is due to be submitted to this office by September 6, 2007.

If you have any questions or concerns regarding this matter, please do not hesitate to call me at this office.

Sincerely,



Ann A. Straut-Esden
Sanitary Engineer 2
Drinking Water Section



SM/ase

cc: Director of Health, Ledge Light Health District