



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Wood County
Village of Cygnet
Community Water System
PWS ID# 8700612

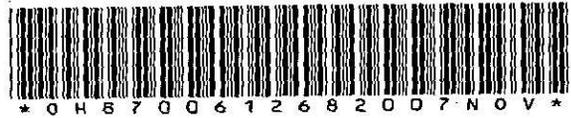
June 8, 2007

OH8700612

CYGNET VILLAGE WATER

6/8/2007

Certified Mail 7006 0100 0003 7708 2342



Mr. Ed Hartigan, President
Board of Public Affairs
Village of Cygnet
210 Front Street
P. O. Box 408
Cygnet, Ohio 43413

Dear Mr. Hartigan:

Subject: NOV for Failure to Respond to Significant Deficiencies

This letter is notification that the Village of Cygnet is in violation of the Ohio Administrative Code (OAC) Rule 3745-81-60(D) for failure to respond in writing within 45 days indicating how and on what schedule the system will address the requirements listed in my correspondence letter dated April 11, 2007. The last survey of the village's water system was performed on March 13, 2007, and the following were identified as corrective actions needing to be addressed:

1. OAC Rule 3745-85-05 requires that your written contingency plan be updated annually. The following need to be included in your updated contingency plan:
 - a. Include a map of the distribution system and detailed locations for each valve in the system, including a reference that will aid in location of valves.
 - b. Include a statement of amounts budgeted for emergency use, along with a statement showing who can authorize expenditures for such purpose, and under what conditions such authorization and expenditure can occur.
 - c. Include a list of water users having critical needs for a continuous supply of water.
 - d. Include a description of the method that will be used to obtain and transport water from an alternate source should such procedure become necessary, and a description of at least three possible alternate sources of water and the methods of disinfection that will be used for each source.
 - e. Include the procedure that will be used to return the system to normal service if depressurization of the water system has occurred.
 - f. Update emergency contacts as necessary and include a 24-hour telephone number for the county EMA Director.

2. OAC Rule 3745-9-05(O)(2) requires a finished grade to be sloped so as to direct surface water away from the well. Maintain an appropriate finished grade around each well casing, as needed.
3. OAC Rule 3745-9-05(O) requires a well casing height above finished grade to be at least twelve (12) inches. If not, extend the well casings of the wells to the required 12 inches above finished grade when a drilling rig is placed over the well.
4. OAC 3745-9 requires proper isolation radius be maintained around each well. The well field is located within an area that is defined as a Karst. Have a total coliform bacteria sample analyzed each month that each well is used. This information is to be reported to our office. These samples are to be marked as special purpose samples and are to be marked by the well number.

This monitoring has been completed. Samples were received by our office on May 18, 2007.

5. Pesticides, herbicides and other chemicals are not to be used near the wellheads. Recheck the practices of the village park maintenance staff and the farmer of the farm fields near the wells to assure nothing is being sprayed, dumped or stored near the village's water system.
6. OAC Rule 3745-95-02(A) states no person shall install or maintain a water service connection to any premises where actual or potential cross connections to a public water system or a consumer's water system may exist unless such actual or potential cross connections are abated or controlled to the satisfaction of the supplier of water. Require all commercial, industrial and potential cross-connection service connections to the water system install an appropriate back-flow device. Be sure to include all of the village-owned property.
7. OAC Rule 3745-95-06(C) states that it shall be the duty of the consumer on which backflow prevention devices required by OAC 3745-95 are installed, to have thorough inspections and operational tests made of the devices as required by the supplier of water. Require all consumers with a backflow prevention device to have the device tested by a certified plumber every 12 months.
8. Individual booster pumps are not permitted on any individual residential service from a public water system. Adopt an ordinance that prohibits the installation of individual booster pumps. (Ten States Standards [TSS] 8.11.2)
9. OAC Rule 3745-95-06(C) requires that all backflow prevention devices be tested by a certified plumber every 12 months. Have all of the backflow prevention devices in the water treatment plant tested every 12 months. Forward a copy of the test results to our office.
10. Plan approval dated February 22, 2002 approved by the director of the Ohio EPA states the finished softened water will be maintained at about 100 mg/l of hardness as calcium carbonate. Readjust the softeners and the bypass water to be able to maintain this level of hardness. Install a meter that can be read standing on the floor, not from the top of a ladder, for the safety of the plant operator. Be sure the weekly hardness samples are being properly taken (i.e., not during backwash of the units).

Mr. Ed Hartigan
June 8, 2007
Page Three

11. OAC Rule 3745-07-02(D)(1) states a public water system can enter into a contract with one or more certified operators to be the operator of record. The contract is to require the certified operator to be available to respond to emergencies and to provide the services necessary to maintain the reliable operation of the water system. Our records show Chad Johnson as the operator of record for the Village of Cygnet. Forward a copy of the operator of record's current contract to this office for our records.
12. Currently, the village has three (3) wells, which are being used as the drinking water source. These wells are Well #1, located inside a pump house; Well #9 (17/34), located next to the baseball field in the park; and Well #10 (17/37), located next to Well #9 between the baseball field and the water treatment plant. In all future correspondence, refer to these wells with the above numeral value.

Our records show additional wells were drilled in the village in the past as part of the village's water supply. Unused wells are to be located and properly abandoned in accordance with OAC 3745-9. Our records show Well #7 has been properly abandoned. Submit the information to this office regarding the wells drilled for the village water system.

The water system must respond in writing within 15 days from the date of this letter with the required information. Failure to comply may result in further enforcement action.

If you have any questions regarding this letter or any other matter involving your water system, please feel free to contact me at (419)373-3089 or via email at jill.schiefer@epa.state.oh.us.

Sincerely,



Jill A. Schiefer
Environmental Specialist II
Division of Drinking and Ground Waters

/cs

pc: Chad Johnson, Certified Operator
Steve Vanscuder, Maintenance Supervisor
Village Council
Mayor of the Village of Cygnet
Wood County Health Department
Dave Evans, DDAGW, E&OS, CO
~~DDAGW, NWDO File~~

ec: Lisa Jones-Gast, Supervisor, DDAGW, NWDO
Ellen Gerber, Manager, DDAGW, NWDO
JoAnn Sabo, DOCC, NWDO
NWDO Follow-up File

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<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee
1. Article Addressed to: Mr. Ed Hartigan Village of Cygnet BPA 210 Front St. PO Box 408 Cygnet, Ohio 43413	B. Received by (Printed Name) STEVE VAN S...
	C. Date of Delivery 6/25/07
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
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	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
7006 0100 0003 7708 2342	<i>Logan/Jew/Ch</i>
PS Form 3811, February 2004	Domestic Return Receipt 102595-02-M-1540

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PS Form 3809, June 2002	See Reverse for Instructions