



## ity of Napoleon

Fax Cover This is a confidential message, intended solely for the person to

whom it is addressed. If you receive this message in error, please forward it to the correct person, or mail it back to us.

Thank you.

To

Daniel Kaplan - Cloverleaf Cold Storage

Fax No.

(712) 279-0915

From

Adam C. Hoff, P.E. - City Engineer

Date

12/8/98

Subject

**Backflow Prevention** 

**Pages** 

\_\_\_\_, including this one

In response to your correspondence dated November 25, 1998, I have reviewed your request with Operations Superintendent Jeff Marihugh. As I indicated in my letter dated November 4, 1998, the Ohio EPA looks at backflow prevention from a policy known as containment. Simply stated, the highest degree of hazard from a facility must be "contained" on-site to protect the public water supply. The Health Department and Plumbing Code address backflow prevention from the perspective of isolation. In other words, sources of contamination must be "isolated" from the water system on-site. As a result of the two (2) philosophies, the EPA may allow a decrease in the level of backflow containment required, provided proper isolation is provided at the individual sources of contamination. The definition of "proper isolation" is not just limited to the specific devices, but also the up-to-date maintenance and operation records for each device.

On this basis, provided the proper devices were installed at each potential source of contamination and proper maintenance and operation logs maintained, a dual detector check valve assembly at the valve vault could be approved, in lieu of an RPZ device. However, on Tuesday, December 1st, Jeff performed a cursory walk through of your existing and new facilities. Based upon this preliminary survey, Jeff found that the air gap for the make-up water at the cooling tower had been modified such that it no longer operates as a backflow device. Also, per my facsimile to Mr. Steve Koza, dated November 3, 1998, we have requested additional information pertaining to the trap primers proposed for the new addition. As of the date of this facsimile, we have not received that information. (Trap primers require an air gap.) Finally, the proposed equipment in the new engine room for make-up water for the cooling towers will need to be inspected for compliance.

Therefore, until such time as the air gap at the cooling towers is brought back to spec, and detailed information is provided regarding the proposed trap primers, we are not inclined to review your proposal to reduce the backflow requirements at the valve vault from an RPZ to a dual detector check valve with the Ohio EPA. If you have any questions or require additional information, please call me at 592-4010. Thank you.

255 W. Riverview Ave.

Napoleon, Ohio 43545

(419) 592-4010 Phone

(419) 599-8393 Fax

Jon Bisher, Jeff Marihugh Steve Kloos - 599-0245

C:

W. A. KLINGER, INC.		CHECK NO. VENDOR	DATE	
INVOICE INVOICE NUMBER DATE	INVOICE DESCRIPTION	GROSS AMOUNT	AMOUNT NOT PAID	NET AMOUNT
	zoning permit for Cloverleaf Cold Storage		NOT PAID	NET AMOUNT THIS CHECK