

CROSS-CONNECTION CONTROL

Ordinance No. 1

TO PROVIDE AN EFFECTIVE MEANS FOR PROTECTING THE PUBLIC WATER SUPPLY SYSTEM FROM CONATAMINATION DUE TO BACKFLOW OF CONTAMINANTS THROUGH THE CUSTOMER WATER SERVICE CONNECTION INTO THE PUBLIC WATER SYSTEM.

WHEREAS, the Illinois Plumbing Code, 77 Ill. Adm. Code 890. Subpart I, requires protection of the potable water system from contamination due to backflow or backsiphonage of contaminants through the water service connection; and

WHEREAS, the Illinois Pollution Control Board Regulations, 35 Ill. Adm. Code 607.104, et seq. requires an active program of cross-connection control which will prevent the contamination of all potable water supply systems; and

WHEREAS, in order to accomplish these goals it is necessary to introduce restrictions that describe in detail specific procedures and requirements for cross-connection control; now, therefore,

BE IT ORDAINED by the Board of Directors of the Indian Creek Homeowners and Water Association of McLean County, Inc., State of Illinois;

SECTION 1. That all plumbing installed within the jurisdiction of the Indian Creek Homeowners and Water Association of McLean County, Inc., shall be installed in accordance with the Illinois Plumbing Code, 77 Ill. Adm. Code 890. That, if in accordance with the Illinois Plumbing Code or in the judgment of the Superintendent of Water (who shall be the president of the Indian Creek Homeowners and Water Association of McLean County, Inc., or his or her duly authorized agent pursuant to nomination and approval by the Board of Directors), an approved backflow prevention device is necessary for the safety of the public water supply system, the Superintendent of Water will give notice to the water customer to install such an approved device immediately. The water customer shall, at his own expense, install such an approved device at a location and in a manner in accordance with the Illinois Plumbing Code and all applicable local regulations, and shall have inspections and tests made of such approved devices upon installation and as required by the Illinois Plumbing Code and local regulations.

SECTION 2. That no person, firm or corporation or other legal entity shall establish or permit to be established or maintain or permit to be maintained any connection whereby a private, auxiliary or emergency water supply other than the regular public water supply of the Indian Creek Homeowners and Water Association of McLean County, Inc., enter the supply or distribution system of said municipality, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the Superintendent of Water and the Illinois Environmental Protection Agency, with all costs to be borne by the party allowing the cross-connection to take place.

SECTION 3. That it shall be the duty of the Superintendent of Water to cause surveys and investigations to be made of industrial and other nonresidential properties served by the public water supply to determine whether actual or potential hazards to the public water supply may exist. Such surveys and investigations, if necessary, shall be made a matter of public record and shall be repeated at least every two years, or as often as the Superintendent of Water shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least five years.

SECTION 4. That the approved cross-connection control device inspector shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system of the Indian Creek Homeowners and Water Association of McLean County, Inc., for the purpose of verifying the presence or absence of cross-connections, and that the Water Superintendent or his authorized agent shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system of the Indian Creek Homeowners and Water Association of McLean County, Inc., for the purpose of verifying information submitted by the customer regarding the required cross-connection control inspection. On demand the owner, lessees or occupants of any property so served shall furnish to the Superintendent of Water any information which he may request regarding the piping system or systems or water use on such property. The refusal of such information, when demanded, shall, within the discretion of the Superintendent of Water, be deemed evidence of the presence of improper connections as provided in this ordinance.

SECTION 5. That the Superintendent of Water of the Indian Creek Homeowners and Water Association of McLean County, Inc., is hereby authorized and directed to discontinue, after reasonable notice to the occupant thereof, the water service to any property wherein any connection in violation of the provisions of this ordinance is known to exist, and to take such other precautionary measures as he may deem necessary to eliminate any danger of contamination of the public water supply distribution mains. Water service to such property shall not be restored until such conditions have been eliminated or corrected in compliance with the provisions of this ordinance, and until a reconnection fee of the greater of \$1000.00 or actual costs for engineering, plumbing, environmental testing and other compliance confirmation costs plus \$250.00 for administrative costs is paid to the Indian Creek Homeowners and Water Association of McLean County, Inc.. Immediate disconnection with verbal notice can be effected when the Superintendent of Water is assured that imminent danger of harmful contamination of the public water supply system exists. Such action shall be followed by written notification of the cause of disconnection. Immediate disconnection without notice to any party can be effected to prevent actual or anticipated contamination or pollution of the public water supply, provided that, in the reasonable opinion of the Superintendent of Water or the Illinois Environmental Protection Agency, such action is required to prevent actual or potential contamination or pollution of the public water supply. Neither the Public Water Supply, the Superintendent of Water, or its agents or assigns shall be liable to any customer for any injury, damages or lost revenues which may result from termination of said customer's water supply in accordance with the terms of this ordinance, whether or not said termination was with or without notice.

SECTION 6. That the consumer responsible for backsiphoned material or contamination through backflow, if contamination of the potable water supply system occurs through an illegal cross-connection or an improperly installed, maintained or repaired device, or a device which has been bypassed, must bear the cost of clean-up of the potable water supply system.

SECTION 7. This ordinance shall take effect and be in force from and after the 13TH day of SEPTEMBER, 2006.

Approved by the Board of Directors of the Indian Creek Homeowners and Water Association of McLean County, Inc., on SEPTEMBER 12, 2006

Brain R. Krause
President

Barbara Lubrich
Secretary

Final from Kurt Patti 9/11/2006
(ICWA Water Chair)

Illinois EPA Noncompliance Advisory (Cross-connection Control Plan)

I believe I already shared with all of you that we received an Illinois EPA Noncompliance Advisory dated August 4, 2006, following an engineering evaluation performed on July 13, 2006, by Stephen C. Johnson. This originally stems from an evaluation done in 1999. We need to have a cross-connection control plan on file with the EPA. I dug through some of the paper-work in the boxes Tim gave me and found the original advisory from 1999. Tim had worked with a local attorney to customize an ordinance template provided by the EPA for a cross-connection control plan. He submitted that copy to the EPA for review in 2000 and they deemed it approvable once adopted, signed and returned to the agency. It doesn't appear the plan was ever adopted, signed by the President and Secretary, and returned to the EPA, or at least the agency has no record of it.

I spoke to Stephen C. Johnson of the EPA yesterday and suggested we just update the dates on the 1999 form, and then get it signed and submitted. He stated that would be fine. If everyone is comfortable with this, I will prepare the form and get it to Brian and Barb for signatures. **We need to get this done in the next 10 days.**

Farnsworth update and 2007 Tower Painting

I spoke to Joe Mikulecky at Farnsworth last week. He stands by all the information quoted from his last report below. He does want to come out in October or November for another site visit if we decide to have the recommended work done in 2007. He advises that we get the bid process started in February, and says he would be glad to help facilitate the process. He sent me copies of his last three reports and site visit summaries that I would be glad to share with everyone. The latest report is actually the one quoted by Barb in the March '06 minutes below. The last time he was physically on site was 2004, so his '06 report was based on that visit and his knowledge of ordinary wear and tear over that period of time. **We should let Joe know our decision within the next 20 to 30 days.**

Switch from HTH Chlorine to liquid (Frank's recommendation)

I have talked to Frank Cottrell a number of times over the past couple weeks. The last conversation had to do with his recommendation that we start using bleach instead of granular chlorine (HTH). Bleach provides a more consistent product, does not clog the lines, and won't require multiple trips to the tower on weekends. This is something Frank has always wanted to do, but the large drums wouldn't fit through our door. The bleach is now available in 5 gal containers. I have asked for cost per unit volume comparisons, and he is working that up for us. He doesn't believe there will be much of a difference in our cost for chlorine. This change would also require a new tank at roughly \$220. **No rush on this item, I will let you know when I receive the cost estimates from Frank.**

Answer to Original Question!

Dave, to answer the homeowner's question that originally started this chain: The estimate for recommended work in 2007 was \$67,400, given by Farnsworth on January 23, 2006.

Interior wet touch-up	\$15,000
Interior dry work	\$ 8,000
Exterior	\$30,000
Disinfect & Misc	\$ 1,000
Engineering	\$ 8,000
Contingency	\$ 5,400
Total	\$67,400