

PLAINFIELD TOWN COUNCIL

ORDINANCE NO. 19-97

**AN ORDINANCE ESTABLISHING MINIMUM CONSTRUCTION AND
MAINTENANCE REQUIREMENTS FOR CONNECTIONS TO THE
PLAINFIELD MUNICIPAL WATERWORKS**

WHEREAS, the Plainfield Municipal Waterworks provides water to Customers within and adjacent to the Town of Plainfield, Indiana to meet domestic and fire protection needs; and

WHEREAS, the backflow of water from Connections can compromise the quality of the public water supply; and

WHEREAS, during fire emergencies the Plainfield Fire Department needs access to well maintained Water Utility mains and larger diameter Connections; and

WHEREAS, Connections used to service domestic needs must maintain public water quality standards.

NOW, THEREFORE, BE IT ORDAINED by the Town Council of the Town of Plainfield, Indiana, that:

SECTION 1. TITLE

This ordinance and all ordinances supplemental or amendatory hereto, shall be known as the "Water Use Ordinance."

SECTION 2. PARTIES DEFINED

For purposes of this Ordinance, Water Utility shall mean the Plainfield Municipal Waterworks.

For purposes of this Ordinance, Customer shall mean the individual, firm, corporation, government agency, or other entity being supplied by the Water Utility via a Connection.

SECTION 3. PURPOSE

The purpose and intent of this ordinance is to prescribe construction and maintenance requirements for Connections to the Water Utility.

SECTION 4. MAIN EXTENSIONS

Whenever service is to be provided to a Customer, the Water Utility main shall be extended across the full length of the addressed side of the Customer's property. In the case of a corner lot with an extension originating from the non-addressed side of the property, the requirement to extend across the full length of the addressed side of the property will require that the extension be constructed across the full length of both the non-addressed side and the addressed side of the property. All costs associated with the construction of the Water Utility main shall be paid by the Customer.

All mainline water mains whether public or private shall be a minimum of 8 inches in diameter except dead-end mainline water mains serving permanent residential cul-de-sacs a maximum of 400 feet in length and with a maximum of 12 equivalent dwelling units may be 6 inches in diameter. Domestic service Connections shall be sized as prescribed by the Water Utility. It shall be the Customer's responsibility to coordinate sizing of each extension and Connection with the Water Utility. In the event that the Water Utility requires mains to be sized in excess of 8 inches in diameter, the Water Utility may participate in the material cost of the size increase.

SECTION 5. METERING

Connections to the Water Utility shall be metered as prescribed by the Water Utility. Meters shall be located adjacent to the addressed side of the Customer's property. Unless specifically stated otherwise in the Town Standards, all meters and appurtenances shall be furnished and installed by the Customer.

SECTION 6. MAINTENANCE RESPONSIBILITY

For Connections for owner occupied residential structures which are accepted by the Water Utility and whose meter pit is located immediately adjacent to the right-of-way in accordance with Town Standards, the Water Utility will maintain the meter and that portion of the Connection from the Water Utility main to the meter pit and the Customer shall maintain the meter appurtenances and the remaining portion of the Connection.

For Connections for non-residential structures, for Connections for non-owner occupied residential structures, or for Connections that the Water Utility elects to allow meters to remain or to be installed at locations NOT in accordance with Town Standards, the Water Utility will maintain the meter and that portion of the Connection from the Water Utility main to the curb stop and the Customer shall maintain the meter appurtenances and the remaining portion of the Connection.

SECTION 7. CONSTRUCTION REQUIREMENTS

The materials, design, and construction of Connections shall be in accordance with Town Standards and shall be subject to review and comment by the Water Utility. Connections which serve multi-family residential property or are required to cross property lines shall be provided within a drainage and utility easement throughout the entire system.

SECTION 8. FIRE PUMP AND STORAGE UTILIZATION

It is recognized that the Water Utility must limit the allowable flow to that flow which maintains 20 pounds per square inch pressure in Water Utility main. The Water Utility typically can provide approximately 1500 gallons per minute at 20 pounds per square inch.

Private fire pumps and private water storage will typically be required in cases where greater than the allowable flow and/or pressure is required for a Connection. The minimum requirement for private water storage shall be based upon the requirement for the fire pump to be tested at 150 percent of its rated capacity. Thus, the rated capacity of a fire pump system absent private water storage shall be two-thirds of the allowable flow resulting in a typical rated capacity of 1000 gallons per minute. The Water Utility requires that all private fire pump systems be provided with a pressure sensing control device which automatically throttles the flow via a control valve placed on the discharge side of the fire pump. Connections which require fire pumps and/or water storage shall be independent and specific to each building. The Customer shall provide the Water Utility with the necessary observations and design calculations such that the meter and Connection sizing can be coordinated.

SECTION 9. CROSS CONNECTION CONTROL

Refer to 327 IAC 8-10 and to Ordinance No. 9-97, "An Ordinance for Cross Connection Control of the Public Water System" for additional requirements.

Whenever a cross connection control device of any kind is required, by-passing shall be prohibited unless the by-pass is provided with a similar cross connection control device as the by-pass constitutes a cross-connection. All cross connection devices shall be inspected/tested by a registered inspector at the time of installation and at intervals required by this Section. Reports of all inspections and tests shall be submitted to the Water Utility and to the Customer within thirty (30) calendar days of the inspection or test. The location and specification of cross connection control

devices shall be as required by the Water Utility.

Air gaps shall terminate a minimum of two pipe diameters of the discharge pipe or six inches, whichever is the lesser, above the maximum recorded flood or above the rim of receiving vessel, whichever is the higher. Air gaps shall be inspected at intervals not exceeding twelve (12) months to ensure compliance with this ordinance.

Reduced pressure principle backflow preventers shall be installed horizontally, with no plug or additional piping affixed to the pressure differential relief valve port, and with the pressure differential relief valve port a minimum of 12 inches above floor level. Additionally, the device must be installed at a location where any leakage from the pressure differential relief valve port will be noticed, and that allows access to the device for maintenance and testing from floor level, and that will not subject the device to flooding, excessive heat or freezing. Reduced pressure principle backflow preventers shall be tested at intervals not exceeding six (6) months.

Double check valve assemblies shall be installed horizontally at a location that allows access to the device for maintenance and testing from floor level and that will not subject the device to excessive heat or freezing. Double check valve assemblies shall be tested at intervals not exceeding (12) months.

Pressure type vacuum breakers shall be installed as near as possible to the irrigation facility, at a location that allows access to the device for maintenance and testing from floor or ground level and that will not subject the device to flooding, excessive heat or freezing. Additionally, the device must be installed with its center line or datum point a minimum of 12 inches above: the floor level, the highest downstream shut-off valve, and the highest downstream overflow rim or discharge point. Pressure type vacuum breakers shall be tested at intervals not exceeding six (6) months.

Except for Connections for facilities which present a "Cross Connection Hazard" as defined by 327 IAC 8-10, Connections to the Water Utility shall have double check valve assemblies between the Water Utility and the Customer.

Connections for facilities which present a "Cross Connection Hazard" as defined by 327 IAC 8-10 shall have an air gap or a reduced pressure principle backflow preventer between the Water Utility and the Customer or component thereof which presents the "Cross Connection Hazard".

SECTION 10. SECONDARY SOURCES OF SUPPLY

Storage tanks used only to store water from the Water Utility for fire fighting which are constructed to maintain the bacteriological quality of the water shall be isolated from the Water Utility by an air gap, reduced pressure principle backflow preventer, or double check valve assembly. Other secondary sources of supply shall NOT be physically connected to a Connection served by the Water Utility.

SECTION 11. LAND IRRIGATION FACILITIES

With regard to water used for land irrigation, relief from sewage charges which are based upon metered flows of the Water Utility will NOT be granted.

Land irrigation facilities constructed after July 19, 1985 which; receive flow from the Water Utility, are buried below the ground, and have sprinkling outlets located less than six inches above grade shall be isolated from the Water Utility by an air gap, reduced pressure principle backflow preventer, or pressure type vacuum breaker.

SECTION 12. SCHEDULED MAINTENANCE REQUIREMENTS

Connections that are greater than or equal to four inches in diameter shall be completely flushed, shall have Connection valves exercised, and shall have Connection fire hydrants exercised at intervals not exceeding six (6) months. Given that serious problems may result from unregulated flushing, the Water Utility shall be notified in writing at least seven (7) calendar days in advance of any flushing operation

such that the Water Utility can authorize a time and date for flushing. A Customer affidavit stating that flushing, valve exercising, and fire hydrant exercising has occurred shall be submitted to the Water Utility within twenty four (24) hours of the occurrence. In the event that the Customer fails to provide an affidavit of flushing to the Water Utility within twenty four (24) hours of flushing, the Water Utility may cause the main to be flushed and the Customer may be subject to a fee established by "An Ordinance Establishing Fees and Permits for the Town of Plainfield", including any amendments or replacements of such ordinance.

SECTION 13. NON-SCHEDULED MAINTENANCE

Connections may be subject to non-scheduled maintenance per the requirements of the Water Utility. The Water Utility may require immediate non-scheduled main flushing. In the event that the Customer fails to provide an affidavit of flushing to the Water Utility within twenty four (24) hours of a non-scheduled flushing request by the Water Utility, the Water Utility may cause the main to be flushed and the Customer may be subject to a fee established by "An Ordinance Establishing Fees and Permits for the Town of Plainfield", including any amendments to or replacements of such ordinance.

SECTION 14. LEAK REPAIR

Proper materials, construction and maintenance should minimize the potential for leakage from Connections. However, deterioration or accidents may cause leaks. Leakage from Connections shall be subject to immediate repair. The Water Utility is hereby authorized and directed to discontinue water service to a Connection in the event that the leakage from said Connection is, in the opinion of the Water Utility, causing unacceptable detriment to the Water Utility or the Customer fails to repair less serious leakage from Connections within twenty four (24) hours of a written request by the Water Utility.

SECTION 15. CORRECTIVE ACTION

The Water Utility may sever the Connection of any Customer who is in violation of any provision of this Ordinance or is in violation of any rule or law regulating Connections to the Water Utility. Prior to severing the Connection, the Water Utility shall file a written finding with the clerk of the Town of Plainfield and deliver finding to Customer's premises. The Customer shall have an opportunity for a hearing within 10 days of the Connection being severed.

Nothing herein contained shall prevent the Water Utility or the Town of Plainfield from taking such other lawful action as may be necessary to prevent or remedy any violation. All costs connected therewith shall accrue to the person or persons responsible.

SECTION 16. SEVERABILITY

If any chapter, article, paragraph, sub-paragraph, clause, phrase, word, provision, or portion of this ordinance shall be held to be unconstitutional or invalid by any court of competent jurisdiction, such holding or decisions shall not affect or impair the validity of this ordinance as a whole or any part thereof, other than the chapter, article, paragraph, sub-paragraph, clause, phrase, word, provision, or portion held to be unconstitutional or invalid.

SECTION 17. INCORPORATION BY REFERENCE

Throughout the various sections of this Ordinance, reference is made to other regulations or ordinances of the Town of Plainfield. Two copies of each such regulation or ordinance of the Town of Plainfield are on file in the office of the clerk of the Town of Plainfield and are available for public inspection.

SECTION 18. REPEALER

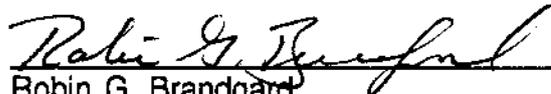
All ordinances or parts thereof in conflict with the provisions of this ordinance are repealed.

SECTION 19. EFFECTIVE DATE

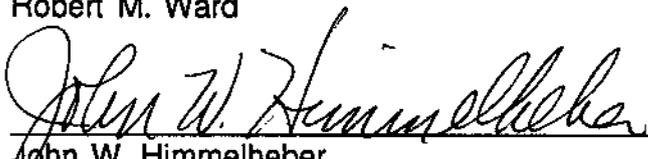
This ordinance shall be in full force and effect from and after its adoption by the Town Council of Plainfield, Indiana and upon publication as provided by law.

Passed and adopted by the Town Council of the Town of Plainfield, Indiana, on this 22nd day of December, 1997.

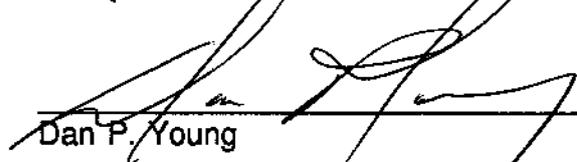
TOWN COUNCIL, TOWN OF PLAINFIELD,
HENDRICKS COUNTY, INDIANA:


Robin G. Brandgard


Robert M. Ward

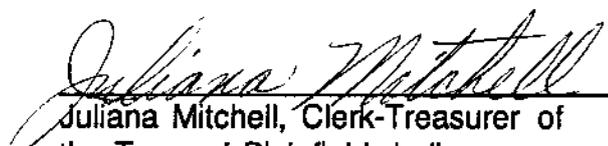

John W. Himmelheber


Judith W. Underwood


Dan P. Young

Constituting a majority of all of the members of the
Town Council

ATTESTED BY:


Juliana Mitchell, Clerk-Treasurer of
the Town of Plainfield, Indiana

PUBLISH: WEEKEND FLYER January 1, 1998
January 8, 1998