

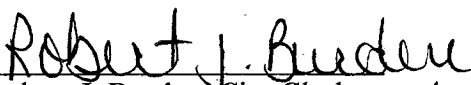
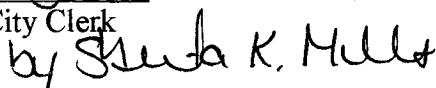
CITY OF LOVES PARK

ORDINANCE NO: 3606-09

**AN ORDINANCE AMENDING SECTIONS 18-111 AND 18-112
OF THE CODE OF ORDINANCES OF THE
CITY OF LOVES PARK, ILLINOIS, ADOPTING THE
2004 STATE OF ILLINOIS PLUMBING CODE, AND
INTERNATIONAL PLUMBING CODE, 2006 EDITION, AS
PUBLISHED BY THE INTERNATIONAL CODE COUNCIL,
AND THE ROCK RIVER WATER RECLAMATION DISTRICT
CODE OF ORDINANCES**

ADOPTED BY THE MAYOR AND CITY COUNCIL
OF THE CITY OF LOVES PARK, ILLINOIS, THIS 21ST
DAY OF DECEMBER, 2009

Published in Pamphlet Form by
Authority of the Mayor and City Council
Of the City of Loves Park, Illinois, this 28th
Day of December, 2009.


Robert J. Burden, City Clerk
by 

ORDINANCE NO. 3606-09

**AN ORDINANCE AMENDING SECTIONS 18-111 AND 18-112
OF THE CODE OF ORDINANCES OF THE CITY OF LOVES PARK**

WHEREAS, Section 18-111 of the Code of Ordinances of the City of Loves Park regulates plumbing installations located within the City; and

WHEREAS, the City of Loves Park desires to ensure public safety in such installations; and

WHEREAS, the City desires to amend said section.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LOVES PARK, WINNEBAGO COUNTY, ILLINOIS AS FOLLOWS:

SECTION ONE: Section 18-111 of the Loves Park City Code is hereby amended to read as follows:

The International Plumbing Code, 2006 edition, including Appendix Chapters B, C, D, E, F, and G, as published by the International Code Council; and the 2004 State of Illinois Plumbing Code; as established and adopted by the Illinois Department of Public Health; and the Rock River Water Reclamation District Code of Ordinances, be and are hereby adopted as the *Plumbing Code* of the City of Loves Park, in the State of Illinois, for regulating and governing the design, construction, quality of materials, erection, installation, alteration, repair, location, relocation, replacement, addition to, use or maintenance of plumbing systems as herein provided; providing for the issuance of permits and collection fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Plumbing Code are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, with any amendments by the State of Illinois, and with the additions, insertions, deletions, and changes prescribed in Section Two of this ordinance. The effective date of this code is January 1, 2010.

SECTION TWO: Section 18-112 is rescinded and replaced as follows:

Sec. 18-112. Amendments, additions and deletions are as follows:

The International Plumbing Code, edition 2006 is hereby amended as follows:

Section 101.1 shall be amended as follows:

101.1 Title. These regulations shall be known as the *Plumbing Code* of the City of Loves Park, hereinafter referred to as “this code”.

Section 102.1 is amended as follows:

102.1 General. The provisions of this code shall apply to all matters affecting or relating to structures, as set forth in Section 101. Where, in any specific case, different sections of this code or any section of the 2004 Illinois Plumbing Code (as adopted) specify different materials, methods of construction or other requirements, the most restrictive code shall govern, unless the less restrictive code is approved by the code official.

Section 106.5.7 is added as follows:

106.5.7 Posting Permit. The permit holder shall post the permit on the job site in a conspicuous place at all times, visible from the street, until the final inspection has been made and approved. The building official is authorized to impose a reinspection fee when the permit is not posted.

Section 106.6.1 is deleted and replaced as follows:

106.6.1 Work commencing before permit issuance. When a permit is required by this code, and work is started or proceeded with, prior to obtaining said permit, the fees established in Section 108.2 shall be doubled and not less than \$250.00. This penalty may be waived by the building official if the person in violation has not obtained a permit in the last year and is the owner of the property. For the second offense within a twelve (12) month period, starting or proceeding with the work prior to obtaining a permit, the fees established in Section 108.2 shall be doubled and not less than \$500.00 plus an additional fee of \$500.00 shall be paid for each day work continued without said permit. For the third such instance within a twelve (12) month period, the fees established in Section 108.2 shall be tripled and not less than \$750.00 plus an additional fee of \$750.00 shall be paid for each day work continued without said permit. For the fourth such instance within a twelve (12) month period, the offender shall be prosecuted by the City of Loves Park Legal Department as permitted by state law. The payment of such fees shall not relieve any person from complying with the requirement of this code and the execution of the work, nor from any penalties prescribed herein.

Sections 106.6.2 is deleted in its entirety.

Section 106.6.3 is deleted in its entirety.

Section 107.3.3 is deleted and replaced as follows:

Reinspection and testing. Where any work or installation does not pass an initial test or inspection, the necessary correction shall be made so as to achieve compliance with this code. The contractor shall then request that the work or installation be reinspected or retested. The permit holder will be subject to a reinspection fee according to Section 18-28 of the Code of Ordinances of the City of Loves Park, for the first, and each additional, reinspection or test performed.

The Illinois State Plumbing Code of 2004 is hereby amended as follows:

Section 890.110 b) is amended as follows:

Section 890.110 General Regulations

b) Applicability, add items 3) and 4) as follows:

- 3) Existing buildings shall comply with the International Property Maintenance Code, 2006 edition, as published by the International Code Council, as amended by the City of Loves Park.
- 4) All new family dwellings shall have provisions made for soft water hookup, with a three valve bypass, except for outside lawn hydrants and the cold water in kitchen sink with proper bypass. Connections and provisions shall be made of a properly sized and vented trap within 5 feet (1524 mm) distance of water softener. A bypass connection for future use shall be capped. Exceptions must be requested in writing to the Code Administrator and will be granted only after an inspection has been conducted.

Section 890.120 is amended as follows:

Section 890.120 Definitions, add 'Building Drain' and 'Building Sewer' as follows:

Building Drain: The building (house) drain is that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building (house) sewer. The building drain terminates 5 feet (1524 mm) outside the building foundation wall.

Building Sewer: The building (house) sewer is that part of the horizontal piping of a drainage system which extends from the end of the building drain, receives the discharge of the building drain and conveys it to a public sanitary sewer, private sewage disposal system or an individual sewage disposal system or other point of disposal. The building sewer commences where building drain terminates and extends to property line or point of connection. Code official of the jurisdiction shall conduct inspection of the sewer system up to property line or point of connection.

Section 890.150 c) shall be amended as follows:

Section 890.150 Workmanship.

- c) Exterior/interior openings through walls, floors, and ceilings shall have the annular space around pipes properly closed to prevent the entrance of bugs or other vermin, mice, rats or other rodents. Exterior wall and roof openings shall be made water-tight.

Section 890.150 d) shall be added as follows:

Section 890.150 Workmanship

- d) Valves, pipes and fittings shall be installed in correct relationship to the direction of the flow. Burred ends shall be reamed to the full bore of the pipe.

Section 890.170 e) shall be amended as follows:

Section 890.170 Sewer and/or Water Required

- e) Only a licensed and bonded plumber shall install building sewer systems. No homeowner shall be allowed to install a sewer service.

Section 890.180 (g) shall be added as follows:

Section 890.180 Sewer and Water Pipe Installation

- g) Sanitary Sewer. In the case of sanitary sewer, the entire length shall be laid in a bed of 7/8 inch (22 mm) aggregate (commonly known as 'sewer chips').

Section 890.510 is amended by adding a) 7) as follows:

Section 890.510 Grease Interceptor Requirements

- a) All required grease interceptors shall comply with the following:
- 7) All new or altered installations serving institutions or commercial establishments in processing areas, or areas in which grease, fats, or culinary oils are wasted in connection with utensil, vat, dish, or floor cleaning processes shall install grease interceptors. All waste lines and drains carrying culinary oil, grease, or fats in the above type plumbing systems shall be directed to one or more interceptors. If interceptors are outside, they shall be accessible for maintenance.

Section 890.520 d) 10) is added as follows:

Section 890.520 Gasoline, Oil, and Flammable Liquids

- d) General Requirements

- 10) A properly sized Rockford Garage Drain or equal will be accepted.

Section 890.690 a) is deleted and replaced as follows:

Section 890.690 Shower Receptors and Compartments.

- a) Shower installation. Precast molded shower receptors shall have a minimum 1 inch (25.4 mm) tile flange. Shower compartments, except those constructed of precast stone, terrazzo, concrete, molded stone, or molded fiberglass, shall have a lead or copper shower pan or the equivalent thereof. All sides of the shower pan shall have a turn-up of at least two inches (51 mm) above the threshold. Shower pan drains shall be so constructed that the pan may be securely fastened to the shower pan drains at the seepage entrance, making a watertight joint between the pan and the shower pan drains. Shower receptacle waste

outlets shall not be less than two inches (51 mm) in diameter and have a removable strainer.

Exception: The threshold on handicapped showers may be at floor elevation to facilitate wheelchair entry.

Section 890.690 f) is added as follows:

Section 890.690 Shower Receptors and Compartments.

- f) Handheld tub and shower sprays. All shower spray units shall be provided with a hose at least 60 inches (1524 mm) long that can be used both as a fixed shower head and as a hand-held shower and shall be provided with a vacuum breaker at least 7 feet 6 inches (2286 mm) above the floor of the tub or shower.

Section 890.750 is amended by adding c), d), and e) as follows:

Section 890.750 Whirlpool Bathtubs:

- c) Manufacturer's instructions. The product shall be installed in accordance with the manufacturer's installation instructions.
- d) Access to pump. Access shall be provided to circulation pumps in accordance with the fixture or pump manufacturer's installation instructions. Where the manufacturer's instructions do not specify the location and minimum size of field-fabricated access openings, and where pumps are located more than 2 feet (609 mm) from the access opening, an 18-inch by 18-inch (457 mm by 457 mm) minimum sized opening shall be installed. A door or panel shall be permitted to close the opening. In all cases, the access opening shall be unobstructed and the size necessary to permit the removal and replacement of the circulation pump.
- e) Leak testing. Leak testing and pump operation shall be performed in accordance with the manufacturer's installations instructions.

Section 890.1010 is amended by adding item d) 1) as follows:

Section 890.1010 Indirect Waste Piping

- d) Swimming Pools.
 - 1) Decorative Pools and Fountains. Overflow and/or waste piping to sanitary sewer shall be discharged through a properly vented trap. Supply water shall be fed through an air gap or by indirect means.

Section 890.1110 shall be amended by adding a) as follows:

Section 890.1110 Quality of Water Supply

- a) Backflow Protection Required. The following systems shall be required to have backflow protection:
- 1) Swimming pools-direct connected water fill piping
 - 2) Fire sprinkler service (strainer not allowed)
 - 3) Commercial buildings domestic water service
 - 4) Domestic and commercial lawn irrigation systems
 - 5) Community lawn irrigation systems
 - 6) Boiler fill water supply when system has hazardous chemicals
 - 7) Hot and cold water supplies to manicure or pedicure stations
 - 8) Metering devices for cleaning and sanitizing solutions

Any RPZ backflow device installed requires a permit, installation by an Illinois licensed plumber, a certification by an Illinois licensed plumber with an Illinois Cross Connection Control Device Inspector license (as defined in Section 890.120), and must be inspected by the plumbing inspector after certification. Initial and yearly inspections are required as set forth in Section 890.1130.

Section 890.1130 is amended by adding f) 7) and 8) as follows:

Section 890.1130 Protection of Potable Water

- f) Devices for the Protection of the Potable Water Supply.
- 7) All outside hose faucets, sill-cocks, and wall hydrants shall be anti-siphon, frost-proof and be the self-draining type. The supply piping must have full-sized stop and waste valves.
 - 8) Boiler drains (hose valve faucets) must have a hose connection vacuum breaker installed.

Section 890.1130 is amended by adding h) as follows:

Section 890. 1130 Protection of Potable Water

- h) RPZ Required. All commercial buildings must have a RPZ on the domestic water service, fire protection water service, and lawn irrigation system.

Section 890.1140 d) shall be amended as follows:

Section 890.1140 Special Applications and Installations

- d) Lawn Sprinklers. Any lawn sprinkler system connected to a potable water supply shall be equipped with a reduced pressure principle backflow preventer assembly (RPZ). The RPZ may be located outside provided it is protected from freezing or is

removed at the end of the season, and it conforms to Section 890.1130 g) 1). The installation of a lawn irrigation system, connection to a potable water supply, installation of water pressure booster pumps, and reduced pressure principle backflow preventer assemblies (RPZ) shall require an installation permit. A copy of the test certificate shall be submitted by the lawn irrigation contractor or licensed plumber responsible for the installation to the City of Loves Park within 30 days of completion of the irrigation system.

Section 890.1150 is amended by adding a) 5) as follows:

Section 890.1150 Water Service Pipe Installation

- a) Underground Water Service
 - 5) Combination services (Fire and Domestic) shall split outside the building with an individual stop on the domestic service located a minimum of 5 feet (1524 mm) from the building or as approved by the City of Loves Park Water Department.

Section 890.1200 a) 1) A) and B) shall added as follows:

Section 890.1200 Water Service Sizing

- a) Water Service Pipe Sizing
 - 1) Existing Locations. In locations where there is an existing ¾-inch (20 mm) nominal diameter water service pipe from the water main to the cutoff box (Buffalo box) it shall be permitted to remain. When the building is existing and has a ¾-inch (20 mm) nominal diameter plastic or type K water service pipe from the cutoff box (Buffalo box) to the meter stop it shall be permitted to remain. When a ¾-inch (20 mm) nominal diameter existing plastic water service pipe from the cutoff box (Buffalo box) to the meter stop is to be replaced it shall be replaced with type “K” copper of proper size for building water demand (GPM) based on water supply fixture units.
 - A) Water service: Only State of Illinois Licensed and Bonded Plumbing Contractors shall install water service connections from the cutoff box (Buffalo box) to the valve after the meter. Homeowners shall not be allowed to install water services. Water services ¾-inch (20 mm) nominal through two-inch (50 mm) nominal shall be type “K” copper. Services larger than two-inch (50 mm) shall be ductile iron pipe.
 - B) Full-port meter stops are required on the street side and the house side of the water meter.

Section 890.1210 f) 1) is amended as follows:

Section 890.1210 Design of a Building Distribution System

- f) Water Hammer.
 - 1) Air Chambers: Where an air chamber is installed in a fixture supply, it shall be at least 18 inches (457 mm) in length and the same diameter as the fixture supply. An air chamber with a volume equivalent to one with the dimension listed above may also be used. Where an air chamber is installed in a water supply riser, it shall be at least 24 inches (610 mm) in length and at least the same size as the water supply riser. All fixtures shall require air chambers.

Section 890.1360 a) 1) is amended as follows:

Section 890.1360 Sanitary Wastes Below Sewer

- a) Sanitary Wastes Below Sewer
 - 1) Sanitary waste which cannot be discharged by gravity flow shall be discharged into a gas-tight, covered and vented sump from which the waste can be lifted and discharged into a sanitary waste drain by appropriate automatic pumping equipment. Sump shall have a minimum eight-hole bolt cover.

Section 890.1420 is amended by adding f) and g) as follows:

Section 890.1420 Stack Vents, Vent Stacks, Main Vents

- f) Minimum Size of Stack Vent. Any structure in which a building drain is installed shall have each stack vent or vent stack carried full size to the roof and shall increase to a minimum of four inches (102 mm), 12 inches (304.8 mm) below the roofline and the 12 inches (304.8 mm) above the roofline.
- g) Horizontal plumbing vents. Concentric bushings and reducers will not be allowed. In their stead eccentric reducers shall be installed. Care must be observed installing branches in horizontal vents. The branch must be so installed that moisture will drain back and not pool in any part of the vent system.

Section 890.1940 is rescinded and replaced as follows:

Section 890.1940 General Administration

- a) The code official of the jurisdiction shall enforce all of the provisions of the code and shall act on any questions relative to the installation, alterations, repair, maintenance or operation of all plumbing systems, devices and equipment except as otherwise specifically provided for by statutory requirements.
- b) Rule-making authority. The code official shall have power as necessary in the interest of public health, safety and general welfare, to adopt and promulgate rules and regulations to interpret and implement the provisions of this code to secure the intent

thereof and to designate requirements applicable because of local climatic or other conditions. Such rules shall not have the effect of waiving structural or fire performance requirements specifically provided for in this code, or of violating accepted engineering practice involving public safety.

Section 890.1950 is amended by adding a) 3) as follows:

Section 890.1950 Violations

a) Notice of Violation

- 3) Violation-penalties: Any person who shall violate a provision of this code or who shall fail to comply with any of the requirements thereof, who shall erect, construct, alter, or repair plumbing equipment or systems in violation of an approval plan or directive of the building official or a permit or certificate issued under the provisions of this code, shall be guilty of a misdemeanor, punishable by a fine of no more than \$500.00. Each day that a violation continues shall be deemed a separate offense.

Section 890.1960 is added as follows:

Section 890.1960 Regulations for Permits, Inspections, Test, Maintenance and Administration

WORKMANSHIP: All work shall be conducted, installed and completed in a workmanlike and acceptable manner so as to secure the results intended by this code and the standards referenced herein.

REVOCAION: The Code Administrator may revoke a permit or approval issued under the provisions of this code in case of any false statement or misrepresentation of fact in the application or on the plans on which the permit or approval was based.

SUSPENSION OF PERMIT: Any permit issued shall become invalid if the authorized work is not commenced within six months after issuance of the permit, or if the authorized work is suspended or abandoned for a period of six months after the time of the commencing work.

TIME LIMIT: An application for a permit for any proposed work shall be deemed to have been abandoned six months after the date of filing, unless such application has been diligently prosecuted or a permit shall have been issued. For reasonable cause, the Code Administrator may grant one or more extensions of time for additional periods not exceeding 90 days each.

PERMIT FOR PLUMBING WORK REQUIRED.

- a) **PERMIT FEES.** All permit fees for all plumbing work shall be as set forth in section 18-28 of the City of Loves Park Code of Ordinances.
- b) **STOP WORK ORDER-NOTICE.** Upon notice from the Code Administrator that work on any building or structure is being prosecuted contrary to the provisions of this code or in an unsafe and dangerous manner, such work shall

be immediately stopped. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. It shall state the conditions under which work may be resumed.

- c) **NOTICE OF APPROVAL.** After the prescribed tests and final inspection indicate the work complies in all respects with this code, the Code Administrator shall issue a notice of approval.
- d) **UNSAFE CONDITIONS-GENERAL.** All plumbing installations, regardless of type, which are unsanitary or which constitute a hazard to human life, health, or welfare are hereby declared illegal and shall be abated by repair and rehabilitation or removal.
- e) **EMERGENCY MEASURES-VACATING STRUCTURES.** When, in the opinion of the Code Administrator, there is actual and immediate danger of contamination or sanitation hazard which would endanger life, the Code Administrator hereby is authorized and empowered to order and require the occupants to vacate a structure forthwith. The Code Administrator shall cause to be posted to at each entrance to such structure a notice reading as follows: "This Structure is Unsafe and its use or occupancy has been prohibited by the Code Administrator. It shall be unlawful for any person to enter such structure except for the purpose of making the required repairs or removal."

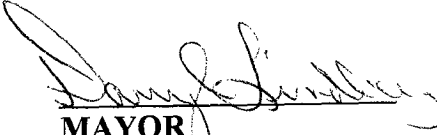
SECTION THREE: The Provision and Sections of this Ordinance shall be deemed severable, and the invalidity of any portion of this Ordinance shall not affect the validity of the remainder.

SECTION FOUR: All ordinances, resolutions, or parts in conflict herewith are hereby repealed.

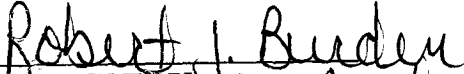
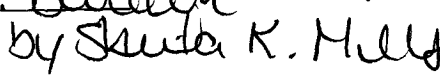
SECTION FIVE: This ordinance shall be in full force and effective on January 1, 2010.

SECTION SIX: A full, true, and complete copy of this ordinance shall be published with in 10 days after its passage in pamphlet form by and under the authority of the Corporate Authorities.

APPROVED:


MAYOR

ATTEST:


CITY CLERK by 

PASSED: Decmeber 21, 2009, 10 Ayes (Aldermen Holmes, Brinker, Novak, Owens, Jacobson, Jury, Little, Pruitt, Frykman, Peterson)

APPROVED: December 28, 2009

PUBLISHED: In pamphlet form December 28, 2009 as required by Ordinance.