

Ordinance No. 112

An ordinance providing rules and regulations for the use of and attachment to the public sewers of Wathena, Kansas and providing penalties for the violation of the same and prescribing license fee and bond for plumbers and plumbing regulations.

Be it ordained by the Mayor and Councilmen of the City of Wathena, in Doniphan County, State of Kansas.

Sec. 1. All connections of private drains or sewers with the public sewers of the City of Wathena, in Doniphan County, or the construction or modification of appurtenance to sewers or sewers connections shall be made in accordance with the rules and regulations approved by the city council and embodied in this ordinance and such further rules as may from time to time be adopted.

in Sec. 2. It shall be unlawful for any person or persons to open, uncover or any manner make connections with any public or district sewer of the City of Wathena, or to lay drain or sewer pipe in any street or alley without written permit of superintendent of sewers, and no such permit shall be issued until the charge of two dollars and fifty cents for such connections shall be paid to the City Treasurer and his receipt taken thereof, if any charge be due, and all other provisions of this ordinance have been complied with.

Sec. 3. No permit to make connections with the public sewer shall be issued to any other than a licensed drain layer, who has paid the required license and given bond according to the provision of the ordinance for licensing plumbers and drain layers.

Sec. 4. Applications for permits must be in writing and signed by the owner or authorized agent of the property to be drained and must be accompanied by a plan showing in detail the course and size of such drain thry the building and property of the applicant, the elevation to the foot of the soil pipe and the length of the drain between this point and the point where the drain connects with the public sewer. Such plans shall be filed in the office of the city clerk for reference.

Sec. 5. Any drain which is to be extended under or into any hotel, tenement house, dwelling or building, must in its plan, conform to the following requirements, viz.:

(a) Each building shall have a separate connection with the public sewer, unless given a permit by the superintendent of sewers, and all extra charges are paid.

(b) Unless a special permission to cut the sewer is endorsed on the permit, the junction pieces which have been built into the sewer during its construction must be used for connecting all private sewers. In making such connection the junction piece must first be found before opening the trench for the rest of the work. In all cases the trench must

be opened of ample width to the point of connection and all rubbish removed so as to admit of easy inspection. If there be no junction piece in the sewers already, a permit to cut the sewer will be granted after having been ordered by a majority of all the members of the City Council and a connection may be made by inserting into the sewer a junction pipe of a size specified in the permit. After the opening, which must be done with great care, so as to injure the sewer as little as possible, all rubbish must be carefully removed from the inside of the sewer; a saddle must then be set around the pipe carefully repaired and well plastered with mortar compounded of one part best Portland cement and one part of clean, sharp sand. In connection with pipe a Y junction must always be used, and the main sewer left in as good condition as before the work was done, and all done under the personal supervision of the superintendent of sewers.

(c) When the course of the drain is not the same as the junction piece, it must be connected therewith by a curve of not less than eight (8) feet radius. (The radius should be greater whenever possible) And in all changes in direction either horizontal or vertical, curved pipes must be used and the working of curves by clipping of straight pipes will not be allowed.

(d) No pipes or materials for drains shall be used until they have been examined and approved by the ~~superintendent of sewers~~ or other duly appointed superintendent or inspector.

(e) No house drain shall be less than four (4) inches inside diameter and the connection with the public sewer must be made with an increaser.

(f) No street shall be opened until the junction has been located by the city engineer.

(g) In all cases the trench must be opened to the point of connections with the sewer without tunneling so as to facilitate inspection.

(h) In opening any street or public way all materials shall be placed where they will cause the least inconvenience to the public, and the whole enclosed with sufficient barriers and properly protected by lights at night from beginning to end of work.

(i) The pipes used in house drains from the sewers to a point five (5) feet from the outside wells of the building to be drained shall be of iron or salt-glazed vitrified earthenware pipes of best quality and straight or evenly curved as may be required for the work.

(j) Each joint shall be carefully gasketed before cementing and thoroughly cemented with Portland cement of good quality. The joint when finished and the cement hardened should be thoroughly water tight.

(k) The ends of all pipes not to be immediately connected shall be securely closed water tight with imperishable material.

(l) All drains connected with hotels, laundries, butcher shops and restaurants shall be provided with a suitable grease trap to be approved by the superintendent of sewers and in conformity with plans on file in the office of the city engineer, said trap to be cleaned out at least once a week or oftener if necessary. A failure to provide such a grease trap and to keep it clean shall be deemed and is hereby declared a misdemeanor and on conviction thereof the lot owner, agent or lessee responsible for such failure shall be fined in any sum not less than five dollars not more than one hundred dollars, and in addition a penalty of ten dollars per day may be imposed for each and every day that lapses after due notice has been given by the proper authorities.

(m) In filling the trenches the earth shall be carefully tampered around and over the pipes and the whole trench filled in uniform layers or not exceeding nine inches. Each layer must be thoroughly tamped or puddled as may be directed by the superintendent of sewers and all paving, curbs, sidewalks, etc. shall be replaced in their permanent position. In case of any settling of any trenches, curbs, sidewalks, paving, etc., within twelve months after completion of the work, it shall be the duty of the contractor to make good all deficiencies that may occur, within twenty-four hours after receiving notice of the deficiency from the proper authorities.

(n) No privy vault or cess-pool shall be connected with the house drain or sewer.

(o) Every pipe connected with the sewer whether of iron or earthenware, must be sound and impervious to water and joined and laid in the best manner, and no such pipe shall be laid in the same trench with any water pipe.

(p) No pipe shall be laid at a less depth than four feet nor with a slope of less than one foot in forty feet unless by special permit or the superintendent of sewers.

(q) Before any permit can be issued for any proposed private drain, its plan must have been approved by the superintendent of sewers and unless such private drain is laid and connection made at the time of the public sewer and the right of free entrance into and upon the property and premises drained into any public or district sewer by any proper city employee or agent for the purpose of examining and inspecting the condition of such drain or drains, shall always be allowed at any or all reasonable hours of the day.

(r) Any person holding a permit to lay a private drain must before laying any pipe, give at least eighteen hours notice at the office of the superintendent of sewers, of the time when he will be ready to begin and must not proceed with any work of that kind until the inspector detailed for that purpose is on the ground. If prevented from working at the time set, the drain layer must report the fact to the superintendent of sewers and appoint another time for doing the work. Any work done without notice to the superintendent of sewers as aforesaid, or without notice to the superintendent of sewers as aforesaid, or without inspection by some one authorized by him, shall be treated as defective work and may be uncovered and, if need be, reconstructed by said superintendent of sewers at the expense of the drain layer to whom the permit was granted.

(s) In constructing sewers to be connected with the public or district sewer no material shall be used except such as are approved by the superintendent of sewers.

(t) No rain water conductors shall be connected with the public sewer.

(u) The sewer committee shall have power to stop and prevent from discharging into the public sewers any private drain through which substances are discharged which interfere with the proper working of the sewers.

Sec. 6. All plumbing shall be done by a duly qualified, licensed plumber as provided by the ordinances of the City of Wathena, Kansas, and who shall execute and file with the city clerk a bond running to said city in the sum of five hundred dollars with sureties to be approved by the city council and pay a license fee of \$5.00 per annum. No plumber's or drain layer's license shall be issued authorizing any plumber or drain layer to operate in said city until the said plumber or drain layer shall have satisfactorily passed an examination held by a committee appointed by the mayor and council of said city. Every plumber's license shall authorize the holder to lay drains.

Sec. 7. No plumbing work of any kind shall hereafter be constructed in any building nor connection made between the house drain and the sewer unless said work shall be made to conform to the following requirements:

(a) The house drain from a point of five feet outside of the outer line of the foundation wall and all lines of soil and waste pipes within the buildings shall be of good quality of wrought or cast iron pipe of the strength and weight known to the trade as not less than standard. When the pipe is of malleable iron the joints to be screw joints and when of cast iron the joints to be well calked with lead. In all cases the joints to be made thoroughly air tight and water tight. And soil pipe shall be coated with enamel or with some approved tar or asphalt preparation. Whenever there is an angle in the drain from the foot of the waste and soil pipes to the sewer, a T joint shall be used to facilitate cleaning.

(b) The house shall not be laid beneath the cellar floor unless absolutely necessary and in such case it shall be laid in a trench and earth thoroughly packed around the same, to be applied only after the drain has been thoroughly inspected and found perfectly tight by water test. The pipe should be fastened securely along the cellar wall or hung from the floor timbers in full sight if possible.

In all cases it must be supported so it will not sag.

(c) All connections with drain, waste or soil pipes to be made with "Y" branches.

(d) All vent pipes shall run as straight as possible up to and at least three feet above the main house roof. The upper terminus of such pipe must not be located near a window, ventilating shaft or chimney flue; the outlet above the roof to be left entirely open.

(f) No soil pipe shall be larger than four inches in diameter and no waste pipe larger than two inches in diameter, except waste pipes from flush closets.

(g) Every fixture in the house be separately and effectually trapped by a seal retaining trap placed close to the fixture and arranged so as to be safe against back pressure, self siphonage, loss of seal by evaporation or siphonage. No trap under fixture to be of larger bore than the waste pipe to which it is attached. All traps under fixtures to be arranged so as to be readily accessible and shall be provided with cleaning hand holes or trap screws located below the water line of the trap. When the ordinary running trap, "S" or one-half "S" is used the depth of the seal shall be at least one and one-half (1 1/2) inches and such trap may be vented by a pipe not less than one and one-fourth (1 1/4) inches in diameter, extending from the top or crown of the trap on the sewer side to a main ventilating pipe extending to a point three feet above the floor and to be not less than four inches in diameter. Where more than one fixture is vented into one pipe, the vent pipe must not be less than two inches in diameter. The vent from the water or a set of laundry tubs shall not be less than two inches in diameter. All vent pipes must have a continuous slope to prevent retention of water that may condense in the pipe. This vent pipe shall be of the strength and weight known to the trade as "standard" and shall be coated with approved tar or asphalt varnish with lead joints thoroughly calked and made air tight.

(h) Every water closet shall be adequately flushed with water from a special flushing cistern, arranged above it except where the cistern is liable to freeze when other methods may be used, provided thorough and efficient flushing is secured. Every water closet must have direct means of ventilation into the open air or in lieu of this when there can be no direct communication with the outside air, a vent pipe shall be provided extending from the water closet chamber through the roof. This pipe must not be connected in any way with the trap vents or soil pipes. In all such cases, the arrangement of the vent pipe must be approved by the superintendent of sewers before the water closet shall not be larger than three inches in diameter. No pan closet shall be used in any building.

(i) No opening shall be allowed for draining the cellar into the house drain except in case any cemented cellar is used and the circumstances will demand frequent scrubbing. Then, in such cases, a screen shall be provided and the opening in the soil pipe shall be covered with an air tight cap and the drains shall be thoroughly trapped.

(j) Waste pipes, under fixtures, refrigerators, cistern overflows and water tanks from which water is used for drinking or cooking purposes shall not be connected directly with any soil pipe, waste pipe or drain, but must be discharged into an open sink or into the open air.

(k) No steam exhaust shall be connected directly with any soil or waste pipe or drain but shall be discharged into a catch basin, and the drain leading from this catch basin shall be thoroughly trapped.

(l) All main lines of drain, soil, waste and air pipes inside the building shall be of iron.

(m) Outlets of all fixtures, except water closets, shall have fixed strainers to guard against obstructions.

(n) It shall be unlawful to throw or deposit into any vessel or receptacle connected with the public sewer, any garbage, hair, ashes, fruit, vegetables, peelings, refuse of any kind, rags, cinders, manure or any other matter of thing whatsoever except faeces, urine, necessary closet paper, and liquid housewastes and waste water from elevators. Any person who shall be found guilty of violation of any of the provisions of this section shall be guilty of a misdemeanor and on conviction thereof shall be fined in the sum of not less than ten dollars (\$10) nor more than one hundred dollars (\$100) for the first offense and a fine of not less than twenty-five (\$25) for each day such person or persons shall continue in violation thereof after due notification to cease by any city officer. The superintendent of sewers may at any time revoke the license of any drain layer or plumber who neglects to carry out the provisions of this ordinance or refuses to be governed by these provisions in the prosecution of his work.

Sec. 8. The superintendent of sewers shall be the city engineer or any person appointed by the mayor and city council, and such officer shall examine and inspect all work, and shall issue all permits and make monthly reports of his doings to the city council.

Sec. 9. Any persons violating any of the provisions of this ordinance for which no other penalty is provided herein, shall be deemed guilty of a misdemeanor and on conviction thereof, shall be fined in any sum not exceeding one hundred dollars.

Sec. 10. This ordinance shall be in full force and effect from and after its passage, approved this 26th day of October, 1926.

Wm. Erskine, Mayor.

Attest: L. Poirier, City Clerk.