

Water Supply, Sewage Disposal Ordinance

An ordinance to protect the health and safety of persons within the township of Farmington, Michigan, and to provide conditions detrimental to health and safety of such persons and to regulate the construction and operation of sewers, pipes and the disposal of sewage within such township.

By the Board of Health of the township of Farmington, Michigan, in accordance with the Act of 1946, of the Public Acts of 1946, as amended, the Board of Health of Farmington ordains:

PART I—DEFINITIONS
For the purposes of this ordinance, the following definitions shall apply:

1. A public sanitary sewer shall mean any enclosed, reasonably watertight conduit for transporting sewage, which is operated under the control of any public body for the transporting of sewage into any collecting sewer or sewer of the township of Farmington, Michigan, which is designed for carrying such sewage to a sewage treatment plant or to a water body, or is also operated by any public body.

2. The word premises as used in this ordinance shall mean any dwelling, building, or other structure, where human beings reside, are employed or congregate, and where such dwelling or building is in existence, shall include the building lot or parcel of land upon which it stands.

3. Sewage shall mean the liquid and solid wastes from all buildings, dwellings and business buildings, or industrial establishments, and shall include human excreta and wastes from sinks, lavatories, bathtubs, showers, and laundry and any other water carrying wastes of organic nature either singly or in any combination thereof.

4. Water supply systems shall mean any or other system for bringing water from any source onto any premises.

SEWAGE DISPOSAL
1. It shall be unlawful for any person to construct or maintain any premises which are not equipped with adequate facilities for the disposal of sewage in a sanitary manner as provided in the following sections. Under no conditions may sewage from existing premises be deposited upon the surface of the ground, into ditches, water courses, inland lakes or into any closed drain other than a sanitary sewer.

2. No outside toilets or outhouses used as toilets shall be maintained within the Township of Farmington except upon premises of 10 acres or more, where they are located not less than 100 feet from any dwelling house. No premises shall be erected or maintained unless they have inside flush toilet facilities.

3. Where there is a public sanitary sewer available to any premises, all sewage emanating from said premises shall be disposed of through such public sanitary sewer and the use of any private sewage disposal system shall be discontinued until such public sanitary sewer becomes available. A public sanitary sewer shall be considered available to a premises when a connecting arm or lateral of such system is in the public roadway abutting such premises or is in any easement on or abutting such premises, has been otherwise specifically constructed for the purpose of serving such particular premises.

4. No surface, roof, footing, drains, or ground water, from any source shall be allowed to enter any public sanitary sewer by any device or method whatsoever, and no connection shall be permitted which permits other than sanitary sewage to flow there into. All existing yard drains, catchbasins, or any other structures used for the collection and conveyance of storm water and downspouts from any buildings shall be disconnected prior to connecting directly or indirectly, to a public sanitary sewer system. Weep tile or perforated drains from existing buildings need not be disconnected from the sanitary sewer.

5. House connection sewers from arms, laterals or interceptors of public sanitary sewers to within five feet from the house shall be a minimum six inches C-200 diameter vitrified sewer pipe with flexible joints or minimum six inch diameter Class 200 asbestos cement pipe with ring type rubber joint, or equal. All joints shall be tight and when tested for joints shall not exceed five hundred U. S. gallons per inch diameter of sewer in 24 hours.

6. The drop to iron joint in said house connection sewer shall be sealed by an approved bituminous joint filler, encased in concrete to provide a watertight seal. The iron pipe inside the building shall be plugged and leaded and remain plugged and watertight until such time as the plumbing is carried on to the first floor, thereby providing that no water from the excavation basement will enter the sanitary sewer.

7. No house connections to sanitary sewers shall be installed without a permit having been issued for the same by the Township of Farmington. The fee for such permit shall be five dollars to cover the cost of inspection. On completion of such inspection, the permit shall be returned to the Township of Farmington. The fee for such permit shall be five dollars to cover the cost of inspection. On completion of such inspection, the permit shall be returned to the Township of Farmington.

8. No sanitary sewer system shall be connected directly or indirectly into an existing sewer of the County of Oakland and no individual building sewer be connected directly to any water body, unless it is a public sanitary sewer.

9. Hand pumps shall be designed and fastened so as to exclude all the possibilities of contamination. Such pumps shall be constructed of a material impervious to sewage, and shall have a stuffing box and a closed, turned down end.

10. POWER PUMPS
Power pumps shall be designed and fastened to exclude all the possibilities of contamination. All air relief vents shall be screened and protected from the outside. The pump shall be constructed of a material impervious to sewage, and shall have a stuffing box and a closed, turned down end.

11. WATER SUPPLY SYSTEMS
1. This ordinance shall not apply to public, semi-public and/or certain water supplies regulated by the Michigan Department of Health by authority of Act 146 Public Act of 1919, or to water supplies of the municipal supplies to cities, villages, and towns.

2. No source of water for the purpose of human consumption other than a drilled or driven well constructed in accordance with provisions of this ordinance, shall be permitted without the express approval of the Oakland County Department of Health or the Farmington Township Health Officer.

3. All wells used for supply of water for human consumption shall comply with the following:

a. LOCATION
All wells casing, spring structures, water action lines, or other structures, or water supply structures shall be located at least 50 feet or more from all sources of possible contamination such as cesspits, cess pools, privies, barnyards, septic tanks, surface disposal systems, surface drains, or other sources of possible contamination. Barred or unbarred sewers or pipes through which sewage may back up shall not be located within ten feet of any water supply well casing or suction pipe. When such sewers or pipes are located within the area within ten feet of the sewer pipes shall be constructed of extra heavy cast iron and shall be equipped with joints tested for water tightness. All wells shall be located at least ten feet from the surface of the ground immediately adjacent to the well, such that the surface water is diverted away from the well casing.

b. MINIMUM DEPTH
All wells shall be at least 25 feet in depth, unless an inferior layer of clay, or other material, is encountered at a depth of less than 25 feet. Twelve inches in thickness shall be placed on the surface of the ground within a radius of ten feet of the casing or suction pipe of the well, or shall extend ten feet along the sides of the well wall or casing. No well shall be located less than ten feet from the ground surface.

c. PLATFORM AND COVER
In hand pump installations, the well top or platform shall be constructed of a water-tight concrete slab of at least a minimum thickness of four inches extending at least two feet from the well casing in all directions. The concrete slab shall be sloped from the sides of the well casing to the ground surface. The surface of the slab at the outer edges shall be four inches above the surrounding ground surface.

d. PITS AND PUMP ROOMS
Well heads, well casings, pumps, pumping machinery, or suction pipes shall not be located in any pit, room, or space extending below the ground level, or in any room or space above the ground level which is not enclosed or otherwise protected unless it has free drainage by gravity or by mechanical means to the surface of the ground. Pipes to accomplish this drainage shall be cast iron with leaded joints. Such drains shall not be connected to any sanitary sewer, septic tank, or to pipes carrying sewage. All pits shall be at least one foot above the floor of the well pit, or room. Well pits shall be constructed of concrete block treated with waterproofing material applied to the outside of the pit. Such pits shall be covered with concrete floor and a reinforced concrete platform. All pits shall have a manhole of at least 24 inches in diameter. Such manhole shall be equipped with a cover of cast iron or otherwise watertight cover.

e. POWER PUMP ROOM
Every power pump room floor shall be water-tight. Pump room floors when above ground shall be at least six inches above the ground surface at the outside edges and shall be covered with concrete pump and casing. The well casing shall extend above the pump and casing. The well casing shall extend at least twelve inches high can be provided in the well casing.

f. SUCCTION LINES
Unsaturated suction pipes when public water supply shall be at least two feet above the maximum ground water tables. Pipes shall be constructed of a material approved by the health officer.

g. CASINGS
The casings of a tubular well shall be at least standard weight pipe, material throughout its length, and the joints shall be threaded. The casing or wall of a dug well shall be watertight for a distance of at least ten feet below the ground surface. The casing of all tubular wells shall be at least standard weight pipe, material throughout its length, and the joints shall be threaded. The casing or wall of a dug well shall be watertight for a distance of at least ten feet below the ground surface. The casing of all tubular wells shall be at least standard weight pipe, material throughout its length, and the joints shall be threaded. The casing or wall of a dug well shall be watertight for a distance of at least ten feet below the ground surface.

12. HAND PUMPS
Hand pumps shall be designed and fastened so as to exclude all the possibilities of contamination. Such pumps shall be constructed of a material impervious to sewage, and shall have a stuffing box and a closed, turned down end.

13. LOG SHALL BE A VIOLATION OF THIS ORDINANCE. A record of these logs shall be kept on file in the building department of Farmington Township and shall be public records.

PART IV—GENERAL
1. Violation of this ordinance shall be a misdemeanor and shall be punishable by a fine not to exceed the sum of \$100.00 or imprisonment in the Oakland County Jail for a term not exceeding 30 days, or both, in the discretion of the court.

2. This ordinance shall be enforceable and if any section, subsection, sentence, clause or phrase of these regulations is held to be invalid by a court of competent jurisdiction, the remainder of this ordinance shall not be affected.

3. This ordinance shall be effective 30 days after its first publication in the Farmington Enterprise, Farmington Township Clerk, dated January 19, 1960. Effective 2-21-60 (Jan. 21-28, 1960)

ROAD PROGRAM ON Schedule, Claims Mackie
The greatest road-building program in Michigan history has reached the mid-way mark. Highway Commissioner John G. Mackie said the Michigan Highway Department's five-year, \$1 billion \$250 million construction program "is on schedule."

Mackie unveiled an intensive five-year highway modernization program shortly after he took office July 1, 1957. If called for construction of 900 miles of four-lane divided highway, and major improvements of more than 2,000 miles of two-lane highways.

The Highway Commissioner said construction activity topped the \$130 million mark during 1959 and will be more than double that figure during 1960. Mackie said major highway construction accomplishments during the last two and one-half years included:

- Construction of nearly 1,000 miles of two-lane highway, including a reduction of gravel road mileage on the state trunkline system from 800 to 64 miles.
- During 1960 an additional 300 miles of divided four-lane highway will be placed under construction.
- This mileage, combined with almost 600 miles already open to traffic or under contract, will place us within easy reach of the announced five-year goal, Mackie said.
- "In addition, it will firm Michigan's new status as a national leader in highway modernization," he added.
- The 1959 construction year was highlighted by the opening to traffic of 100 miles of limited access expressways.

Ground water supplies which do not comply with the bacteriological requirements as recommended by the Michigan Department of Health shall be treated by methods approved by the Michigan Department of Health. If it is not possible to secure satisfactory compliance, the well shall be abandoned and the well sealed to protect the water bearing formation from contamination.

11. ABANDONMENT OF WELLS
Drilled and cased wells which are completely filled with seal cement-grout, concrete or clean puddled clay. In driven wells the seal cement shall be placed in the annular space between the casing and the well wall. The seal cement shall be placed in the annular space between the casing and the well wall. The seal cement shall be placed in the annular space between the casing and the well wall.

12. ABANDONMENT OF NEW OR ACCIDENTALLY CONTAMINATED WATER SUPPLIES
Wells which are contaminated accidentally or otherwise shall be thoroughly disinfected with chlorine solution for at least eight hours before pumping to waste. Bacteriological analysis shall show the water safe before the well water can be approved for drinking or domestic use.

NEW WATER SUPPLIES
The person, firm, corporation, well driller, or installer who installs the pump on a new or re-installed water supply system shall be responsible for placing such potable water supply into service. The disinfecting solution shall be applied to all parts of the well, pump and fixtures for at least 24 hours after which the potable water supply shall be pumped to waste to remove the disinfecting solution. Bacteriological analysis shall show the water is safe before the water supply can be approved for drinking and domestic use.

14. CONNECTION WITH AN UNSAFE WATER SUPPLY
There shall be no cross-connection, auxiliary intake, by-pass, interconnection or other arrangement including overhead leakage whereby an unsafe water supply of water from a source that does not comply with these minimum standards, may be discharged or drawn into any drinking, culinary, or ablutionary supply which does not comply with these minimum standards.

15. OUTLETS FROM UNSAFE WATER SUPPLIES
All outlets from water supplies which do not comply with these minimum standards shall be at the discretion of the health officer, be provided with a permanent and easily readable tag or label reading "DANGER—DO NOT DRINK." Removal of said label or tag except by permission of the health officer shall be a violation of these minimum standards.

16. ALL persons engaged in the business of construction, installing, or servicing potable water supplies or potable well equipment in Farmington Township shall be bonded by the public or by private individuals representing the Farmington Township building department. Such registration shall be subject to a fee of \$10.00 to offset the expense of enforcing these provisions.

17. It shall be the duty of all persons engaged in the business of constructing or servicing potable water supply systems in Farmington Township, Oakland County, Michigan, whether for public or private use, to furnish to the Farmington Township building department, a description of the water supply system as such information is used in constructing said system as well as such information on location, construction, geological formation, and other pertinent data as the Farmington Township health officer may require, respecting the protection of the water bearing formations for the benefit and protection of the public health and safety. Information shall be kept in a log as the well is being drilled, dug, or driven and failure to keep such

Local News Happenings

MARIE LONG GR. 4-314

Mr. and Mrs. Joseph Bogacki of Klinek in Detroit announce the birth of their son, Joseph Anthony, on January 15, 1960. The twins were born Dec. 31 at Garden City Osteopathic Hospital. Mrs. Bogacki is the daughter of a 1944 graduate of Farmington and an employee at the Farmington bank until her marriage. The couple are residing at 1500 E. 12th St. Mrs. Bogacki is the sister of Mrs. Janet Williams. Grandparents are Mr. and Mrs. Ernest Esch of Powersville, Mo. and Mr. and Mrs. John Esch of Detroit. Mr. and Mrs. S. A. Broadman of Middlebelt Road and Robert Markness of Detroit held an open house Jan. 10 in honor of Mrs. Janet Williams of Detroit and Warren Burd of Redford. The engagement of Miss William to Mr. Burd was announced Jan. 10. Mrs. Burd is a 1955 graduate of Farmington. A buffet supper was served.

BOOTH, PURCELL of Independence St. spent time over the holidays visiting relatives and friends in and around LaFollette, Tennessee. Mrs. LOWELL (Marge) Kar-

Robert Newsum of Jacksonville St. celebrated his 131st birthday on Jan. 13. Ray C. Conner and daughter, Maryann, of Hillcrest Drive left by jet airplane on Friday Jan. 15, for Los Angeles, California. While Mr. Conner is at Las Vegas.

News Tidbits of Interest From Orchard Meadows Subs
Daniel Hickey GR. 6-1869

The traveling gad-about of the subdivision are back in town once again for a few days. Ron and Fran Walls have just returned from a trip to North Carolina. While there they visited with Fran's parents and sisters and brothers and the rest of the family clan. They just arrived back in town in time to welcome Fran's girlfriend and her little girl from Lafayette, Indiana who arrived by train last Thursday to spend a few days as house guests. Ron and Fran have been busy showing their guests all of the sights around town. On the first of February the Walls will be leaving town once again to spend a week and a half in Miami Beach, Florida.

ANOTHER RESIDENT of the subdivision is leaving for sunny California. He will spend two weeks visiting with Joan's sister and her husband and their four children. He will be leaving for Pasadena on Friday. Joan's mother is a resident of Los Angeles, which is only three miles from Pasadena so they will be able to get together often during Joan's visit.

FRIDAY NIGHT was a night for the Farmington Sports Investment Club. They spent the evening touring the office of their stock broker Armstrong Jones, Lawson and White in the Penobscot Bldg. They are now proud owners of D.W.G. Cigar Co., Reynolds Aluminum Stock, General Dynamics Stock, and their own Friday Stock in addition to their Friday night purchases of Farmington Steel Stock. The next meeting will be held on Friday night, February 19.

DETROIT BANK & TRUST Company's new Charge-Loan lets selected credit users "charge" money—for any purpose—just like you'd charge department store purchases! Let's say you have a steady job and an average income, and you figure you can afford a monthly payment of \$30. That means you can apply for a Charge-Loan account for \$1,000. And once it's established, you can use all or any part of that amount whenever you wish.

Chinese Communism Film to Be Shown
A color film showing recent developments in China will be featured Tuesday night at 7:30 p.m. Also featured will be a film of the formation of the Great Green Canyon and "Screen News Digest."

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Gets Promotion
William C. Grant, aviation electrician's mate technician, USN, son of Mr. and Mrs. William F. Grant of 2876 Green-castle Rd., Farmington, was promoted to the position of Lt. JG, in the Naval Air Station, Kingsville, Texas. John Clappison Sells Insurance Phone GR. 4-3511

NOW OPEN!

10 Lake

MARATHON SERVICE STATION

24205 Orchard Lake Road
(Corner of Orchard Lk. & 10 Mile)

COMPLETE CAR CARE

- BUMPER TO BUMPER CHECK-UP
- LUBRICATION
- TUNE UP
- OIL CHANGE
- CARBURETOR ADJUSTMENT

Managed By
RAY SUNMAN

10 LAKE MARATHON Service Station

GR. 4-9633

MONEY ON TAP

JUST CHARGE-LOAN

DETROIT BANK AND TRUST Company's new Charge-Loan lets selected credit users "charge" money—for any purpose—just like you'd charge department store purchases!

Let's say you have a steady job and an average income, and you figure you can afford a monthly payment of \$30. That means you can apply for a Charge-Loan account for \$1,000. And once it's established, you can use all or any part of that amount whenever you wish.

If you don't already have one, you'll get a free checking account when you open your Charge-Loan. Once you've opened your account—you're free to borrow and re-borrow up to the limit of your Charge-Loan. You can apply for a Charge-Loan for as much as \$4,000. Each month you simply repay 1/20 of your Charge-Loan. You can use it for anything you want. And with each monthly payment, your available credit reserve is increased that much. Just like a charge account, you "charge" (or borrow) what you need when you need it. . . for emergency expenses, taxes, medical bills, auto repairs . . . anything.

Wouldn't you like the security of having "money on tap"? Simply phone Woodward-2-5830 and ask for Charge-Loan. We'll be happy to mail you full details and a Charge-Loan application.

DETROIT BANK & TRUST

57 CONVENIENT OFFICES MEMBER FDIC

YOU NEED IT TO SPEND . . . WE HAVE IT TO LEND