

SOUTH SHENANGO TOWNSHIP

An Ordinance defining and regulating individual sewage disposal systems and water supply systems; to protect the underground water strata from contamination and to prevent installation of sewage disposal systems and private water supply which may become a public health hazard; authorizing the issuance of permits, and providing for penalties for violations.

Section I - Definitions

1.1. For the purpose of this Ordinance, the following words and phrases shall have the meanings ascribed to them in this section.

1.1.1. Sanitary officer - shall mean the legally designated health authority of South Shenango Township, Crawford County, or his authorized representative.

1.1.2. Individual sewage disposal system - shall mean any sewage disposal system that is not under the jurisdiction of the Pennsylvania Sanitary Water Board and which is located on a building lot or tract containing less than one acre. The provisions of this Ordinance as to individual sewage disposal systems shall not apply where one owner thereof has more than one acre or more of contiguous property at the location of said system.

1.1.3. Permit - shall mean a written permit issued by the Sanitary Officer permitting the construction of an individual sewage disposal system.

1.1.4. Person - shall mean any institution, public or private corporation, individual, partnership, or other entity.

Section II - Requirements for Individual Sewage Disposal Systems

2.1. The inspection of individual sewage disposal systems within the Township of South Shenango, the issuing of permits for the installation of such systems, the enforcement of this Ordinance and the imposition of penalties shall be regulated in accordance with Sections V and VI of this Ordinance.

Section III - Permits

3.1. It shall be unlawful for any person to construct,

alter, or extend individual sewage disposal systems within the Township of South Shenango unless he holds a valid permit issued by the Sanitary Officer in the name of such person for the specific construction, alteration, or extension proposed.

3.2. All applications for permits shall be made to the Sanitary Inspector and shall be accompanied by a fee of \$10.00, who shall issue a permit upon compliance by the applicant with provisions of this Ordinance and any regulations adopted hereunder.

3.3. The Sanitary Officer shall refuse to grant a permit for the construction of an individual sewage disposal system where public or community sewerage systems are reasonably available.

3.4. Applications for permits shall be in writing, shall be signed by the applicant or his agent and shall include the following information:

3.4.1. Correct legal description of property of designation by lot number and allotment name on which the proposed installation, alteration, repair, or extension is to take place.

3.4.2. Plot plan or sketch of land showing the location of any proposed or existing buildings located on the property with respect to the boundary lines of the property.

3.4.3. Complete plan of proposed systems including location, size, and design of all parts of the system to be installed, altered, repaired, or extended.

3.4.4. Present or proposed location of water supply facilities, water supply piping, sewer lines, and sewage disposal facilities.

3.4.5. Location of water supply and sewage disposal facilities on adjacent properties where reasonably available.

3.4.6. Name of person who is to install the individual sewage disposal system.

3.4.7. Any person whose application for a permit under this Ordinance has been denied, may request and shall be granted a hearing on the matter before the Board of Supervisors within 30 days after receipt of the request.

3.5. Any person whose application for a permit under this Ordinance has been denied, may request and shall be granted a hearing on the matter before the Board of Supervisors within 30 days after receipt of the request.

3.6. Permits shall be valid for one year from date of issue.

3.7. In addition to the information required for the application as set forth above, the applicant or his agent shall conduct a soil absorption test under the supervision of the Sanitary Officer and information obtained from said tests will be noted on the application by the Sanitary Officer.

Section IV - Construction Standards

4.1. House sewers - All house sewers hereafter built or reconstructed shall be made to comply with the following requirements:

4.1.1. Pipe Used for the construction of the sewer shall be of adequate size and of cast iron, vitrified clay, or concrete pipe, with bell and spigot joints, or equal material approved by the Sanitary Officer.

4.1.2. Construction of the line shall be such as to secure water-tight joints, and it shall be on a grade of not less than one-eighth inch per foot and the 5 feet immediately preceding the septic tank shall not be more than 1/4 inch per foot; in addition, all changes in direction of 45° or more shall have accessible cleanouts.

4.1.3. The sewer line across the septic tank excavation shall be adequately supported to eliminate settling.

4.2. Septic Tank:

4.2.1. All septic tanks shall be such as to assure uniform horizontal flow throughout its entire length, permitting adequate retention and access for cleaning.

4.2.2. Required capacities for septic tanks

A. TABLE I

Approximate number of Bedrooms - Minimum	Liquid Capacity of Tank in Gallons
3	300
4	750
5	900
6	1075

A. When multi-compartment tanks are used, the inlet compartment shall have a capacity not less than $\frac{2}{3}$ of the total required capacity, unless otherwise specified by the Sanitary Officer, but the minimum liquid capacity of the inlet compartment shall be 300 gallons.

B. The length of a single compartment tank or the inlet compartment of a multi-compartment tank shall be not less than two nor more than three times the width. Cylindrical tanks shall not be less than 5 feet in diameter.

C. The total depth shall not be less than 5 feet and the liquid depth shall not be less than $\frac{1}{2}$ foot nor more than $6\frac{1}{2}$ feet.

4.2.3. Construction of the tank shall be of such nature as to assure its being water-tight and prevent the entrance of rain water or surface drainage.

A. The tank shall be constructed of sound and durable material not subject to excessive corrosion or decay.

B. Adequate access to the tank for inspection and sludge removal shall be provided by a manhole or removable cover.

1. Where the top of the tank is located more than 12 inches below the surface of the ground, manholes shall be built up to within 12 inches of the surface.

C. Inlet and outlet shall be constructed so as to permit the liquid to enter and leave the tank with the least possible disturbance.

1. A baffle shall be provided not more than 15 inches below the liquid surface and shall extend above the liquid surface to within not more than $1\frac{1}{2}$ inches of the top of the tank. Sewer storage shall be at least $9\frac{1}{2}$ inches in depth.

2. The outlet shall be fitted with a Tee extending from approximately 18 inches below the liquid surface to within not more than 1 1/2 inches of the top of the tank.

3. The outlet of the septic tank shall be placed two to four inches lower than the inlet.

4. Satisfactory venting shall be provided through the inlet and the main building stack.

4.3. Subsurface Disposal Field:

The minimum distance which the disposal field shall be located from the following shall be:

Any water supply source-----	50 feet
Streams-----	50 feet
Dwellings (without basement)-----	5 feet
Dwellings (with basement)-----	10 feet
Property Lines-----	10 feet
Water Service Lines-----	10 feet

4.3.2. A distribution box shall be used to provide equal flow of the effluent to all field lateral lines, the effectiveness of which shall be tested by the Sanitary Officer.

4.3.3. The minimum seepage area (total flat area of the bottom of the disposal field) shall be determined in accordance with the following table:

Average time required for water to fall one inch in minutes	Effective absorption area (area in bottom of disposal trench in sq. ft. per bedroom.
3	60
4	70
5	80
10	100
15	120
30	160
60	240

If average time is over 60 minutes a permit will be issued only after a special design is approved by the Board of Supervisors. A minimum of 200 square feet of effective absorption area shall be provided per living unit.

4.3.4. Construction of disposal trenches in freshly filled ground will not be permitted.

4. All trenches in a disposal field shall be the same width and length and the following standards shall be required:

1. Minimum number of lines per field.....2
2. Maximum length of individual lines..... 50 ft
3. Minimum bottom width of trench in tile field..... 18 in
4. Maximum bottom width of trench in tile field..... 36 in
5. Minimum depth of cover of lines..... 12 in
6. Grade of tile lines.....2 - 4 in. per.....100 ft
7. Minimum filter material under tile..... 6 in
8. Minimum distance between lines.....10 ft
9. Minimum filter material over tile..... 2 in
10. Open joints shall be protected by tar paper or equivalent.
11. Maximum width of seepage bed unless otherwise authorized by sewage inspector..... 10 ft
12. Maximum cover over tile lines..... 36 in

B. Only 4 X 12 inch open joint cement or clay tile or equivalent shall be used in a sub-surface drainage system.

4.4. Seepage Pits

4.4.1. Seepage pits shall not be used hereafter unless the soil conditions or topography makes such use necessary and also precludes contaminating any wells used as a source of water supply as determined by the Sanitary Officer.

4.5. Privies

4.5.1. All privies when permitted shall be so constructed so that the pit shall be fly-tight and rodent proof and shall be located so that they will not contaminate a natural water course nor any source of water supply.

Section V -

5.1. No raw sewage, septic tank affluent or seepage from the soil absorption system shall be discharged to the surface of the ground, nor shall it be discharged into any formation, the structure of which is not conducive to purification of water by filtration, or in such manner as to contaminate any water supply source.

Section VI - Water Supply

6.1. The term water well as used herein shall mean any dug, or drilled well, pipe, tile or other device of any nature intended to tap any underground water supply where such water supply is intended for use as or is in fact used for human consumption.

6.2. No water wells shall be dug, drilled or installed from or after the effective date of this ordinance, nor shall

the water supply therefrom be used for human consumption if such water well is dug, drilled or by any other way installed within 50 feet of any existing septic tank, leach field, or other sewage disposal unit, or outside toilet, provided however that this section shall not apply to properties excluded from the provision of this Ordinance by section 1.1.2. hereof.

Section VII - Inspections

7.1. The Sanitary Officer is hereby authorized and directed to make such inspections as are necessary to determine satisfactory compliance with this Ordinance and applicable standards.

7.2. It shall be the responsibility of the applicant for the permit or his authorized representative to notify the Sanitary Officer that the completed sewage disposal installation is ready for inspection. The Sanitary Officer shall perform an inspection within 72 hours of notification that the installation is ready for inspection.

7.3. If upon the inspection of any system the sanitary Officer discovers that any part of the system is not constructed in accordance with "Individual Sewage Disposal Standards", written notification shall be given to the applicant advising of such defects. The applicant shall be responsible for the correction or elimination of all defects, and no system shall be placed or replaced in service until all defects have been corrected or eliminated.

Section VIII - Penalties

8.1. Any person who violates any provision of this Ordinance shall, upon conviction in a summary proceeding before any Justice of the Peace be punished by a fine of not less than \$5.00 nor more than \$50.00 and the cost of prosecution for each such offense and upon default of payment of the fine and/or costs by imprisonment in the Crawford County Jail for not less than one day nor more than ten days. Each day's failure to comply with any of the provisions of this Ordinance shall constitute a separate violation.

Section IX - Conflict of Ordinances, Effect on Partial
Invalidity

9.1. If any section, subsection, paragraphs, sentence, clause or phrase of this Ordinance should be declared invalid for any reason whatsoever, such decision shall not affect the remaining portions of this Ordinance, which shall remain in full force and effect; and, to this end, the provisions of this Ordinance are hereby declared to be severable.

Section X - Effective Date

10.1. This Ordinance shall be effective on and after the 1st day of March, 1962.

Passed and ordained this 5th day of February, 1962.

J. B. Baker
Supervisor

B. M. Smith
Supervisor

Paul E. Hughes
Supervisor

ATTEST

Paul E. Hughes