

ORDINANCE NO. 87-2

AN ORDINANCE PROVIDING FOR MANDATORY CONNECTION TO PUBLIC WATER SYSTEMS; ESTABLISHING WATER CONSERVATION REQUIREMENTS FOR ALL NEW STRUCTURES WITHIN HILLTOWN TOWNSHIP; AND PROVIDING FOR WELL CERTIFICATION FOR PRIVATE WATER SUPPLIES.

BE IT ORDAINED by the Board of Supervisors of Hilltown Township, Bucks County, Pennsylvania, and it is hereby enacted and ordained by the authority of same:

Section 1. Definitions.

The following words, terms, and phrases used in this ordinance shall be defined and construed as follows:

- A. "Authority" shall mean the water authority supplying service to the area, either Hilltown Township Water and Sewer Authority, Telford Borough Authority, or North Penn Water Authority.
- B. "Business" shall include commercial, industrial, and professional activity.
- C. "Consumer" shall include a person, partnership, association or corporation, and shall mean anyone to whom water is supplied by the Authority, whether as owner or tenant.
- D. "Equivalent Dwelling Unit" shall mean a habitation intended for occupancy by a single family.
- E. "Property" shall mean the following:
  - 1. a building or enclosure occupied as a single dwelling unit or business;
  - 2. a combination of buildings in a common enclosure occupied as a single dwelling or business;
  - 3. one side of a double house with a solid vertical partition wall occupied as a single dwelling unit;
  - 4. each dwelling unit, business, or profession in addition to the first dwelling unit, business or profession occupying the same building or enclosure, regardless of whether or not any additional plumbing facilities are existing with respect to such dwelling units, businesses, or professions in addition to those installed or existing in the first year thereof; provided,

however, that during the first year following the date upon which newly constructed or reconstructed commonly owned multiple dwelling, business or professional unit in addition to the first such unit shall be considered as property for purposes of this Ordinance only upon its having been rented for occupancy. Upon the expiration of such first year, such additional dwelling, business or professional unit shall be considered a property hereunder, regardless of whether or not it has been so rented.

F. "Water System" means all the facilities of the Authorities for the supplying of water to consumers.

G. "New Construction" shall mean construction pursuant to a valid building permit issued subsequent to date of enactment hereof.

## Section 2. Water Supply Connections.

All buildings requiring water service located within 150 feet of the right-of-way of a public water main shall be required to make connection to said public water main and pay applicable connection fees and rental rates to the Authority having ownership of the public water main, in the following instances:

A. All new construction requiring water supply.

B. All existing structures wherein the structure is enlarged or changed in use to a new use to require increased water capacity. This does not include residential additions which do not increase the number of dwelling units.

## Section 3. Water Conservation Requirements.

Water saving fixtures and devices shall be required in all new construction regardless of public or private water supply pursuant to the following specifications:

A. Water closets operated by flush tanks.

The water consumption of water closets operated by flush tanks shall not exceed an average of 3.5 gallons per flush cycle over a range of test pressures from twenty (20) to eighty (80) psig or a maximum of 4.0 gallons per flush cycle at any one test pressure. The fixture shall perform in accordance with the flush-

ing test requirements cited in the ANSI 112.19.2 Vitreous China Plumbing Fixtures standard.

B. Showerheads.

Showerhead discharge rate shall not exceed 2.75 gallons of water per minute over a range of test pressure from twenty (20) to eighty (80) psig. The fixture shall perform in accordance with the test requirements cited in the ANSI 112.18.1 Finished Rough Brass Plumbing Fixture Fittings standard.

C. Sink Faucets.

1. Kitchen sink faucet discharge rates shall not exceed 2.75 gallons of water per minute over a range of test pressure from twenty (20) to eighty (80) psig. The fixture shall perform in accordance with the test requirements cited in the ANSI 112.18.1 Finished Rough Brass Plumbing Fixture Fittings standard.

2. Residential lavatory sink faucet discharge rates shall not exceed 2.75 gallons of water per minute over a range of test pressures from twenty (20) to eighty (80) psig. The fixture shall perform in accordance with the test requirements cited in the ANSI 112.18.1 Finished Rough Brass Plumbing Fixtures Fittings standard.

Section 4. Well Certification.

Where private water supply is to be installed for new construction, certification as to capacity and quality is required prior to issuance of a Hilltown Township building permit for the structure serviced.

A. The well yield shall be determined by a pumping test of not less than 4 hours duration conducted at a rate of not less than 150% of the intended long-term withdrawal from the well. The 4 hour test shall be conducted at a constant pumping rate that should not deviate greater than +/- 5% during the test.

B. In the event the well does not yield a minimum of 6 gpm, the proposed water system shall be designed to be able to provide sufficient storage via oversize tanks and/or storage in the well bore for the length of time it would take for the expected peak demand to empty a standard pressure tank being supplied by a well pumping 6 gpm.

C. All well drillers shall, upon completion of the well, provide the Township with a copy of the report submitted to the Commonwealth of Pennsylvania and sufficient data and documentation to verify compliance with subsection A and B, above.

D. At a minimum, the sample of the water produced shall be subjected to examination by a state certified water laboratory for the presence of the following contaminants and certified to be potable.

1. coliforms
2. pH
3. iron
4. nitrates
5. total dissolved solids
6. TCE, PCE, and 1-1-1 trichlorethane
7. detergents
8. benzene, toluene, xylene.

A minimum of three (3) water samples shall be collected during the pump test for analysis:

1. 30 minutes after commencement of the pump test;
2. 2 hours after commencement;
3. 10 minutes prior to the end of the test.

#### Section 5. Well Construction.

Each well shall be provided with a water tight casing. The minimum length of the casing to be 40' or 10' into bedrock, whichever is greater. The material of the casing shall be steel with a weight of 18.97 lbs. per linear foot. All joints between sections of casing shall be made by continuous welding. Where a pump section or discharge pipes enter or leave a well through the side of the casing, the circle of contact shall be water tight. All casings shall extend at least eighteen inches above final grade. The annular space between the earth and outside of the casing shall be filled with cement grout to a distance of at least six feet below the ground surface. Unconsolidated or carbonate water bearing formations will require special consideration.

#### Section 6. Withdrawals in Excess of 10,000 Gallons.

All private wells with a 30 day average daily withdrawal rate in excess of 10,000 gallons shall register their well

with the Delaware River Basin Commission and shall provide the Township with copies of all correspondence, applications, and required submissions and/or reports to the Delaware River Basin Commission.

Section 7. Permit Required.

Prior to commencement of well drilling operation, owner shall be required to make application to, and receive approval from, Hilltown Township.

Issuance of a permit to drill well shall not be made until payment of a permit fee in the amount established by Resolution of the Board of Supervisors.

Section 8. Penalty.

The provisions of this Ordinance are declared to be for the health, safety and welfare of the citizens of the Township and persons violating any provisions, upon conviction before any District Justice of Bucks County, shall be fined the sum of Three Hundred (\$300.00) Dollars and costs. Each day during which such violation of any provisions shall continue, shall be deemed to be a separate offense.

Section 9. Severability.

If any provision, sentence, clause, section or part of this Ordinance, or the application of any provision hereof, is for any reason found to be unconstitutional, illegal or invalid, such unconstitutionality, illegality or invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections or parts of this Ordinance. It is hereby declared as the intent of the Township that this Ordinance would have been enacted had such unconstitutional, illegal or invalid provision, sentence, clause, section or part hereof not been included.

Section 10. Repealer.

All Ordinances or parts of Ordinances in conflict or inconsistent herewith, be and the same are hereby repealed absolutely.

Section 11. Effective Date.

This Ordinance is hereby declared to be urgent for the preservation of the peace, health and comfort of the people of the Township and shall take effect and be enforced

five (5) days after it is enacted by the Board of Supervisors of the Township.

SO ORDAINED AND ENACTED into Ordinance this *5th*  
day of *May*, A.D., 1987.

HILLTOWN TOWNSHIP  
BOARD OF SUPERVISORS

*Vin Pugh*  
*Robert A. Neuman*  
*Betty J. Kelly*

Attest:

*Gloria G. Neuman*  
Gloria G. Neuman  
Township Secretary