

**HAMILTONBAN TOWNSHIP
GROUNDWATER/WELL
ORDINANCE**

**AN ORDINANCE PROVIDING FOR THE SUPERVISION AND
REGULATION OF WATER WELLS IN HAMILTONBAN
TOWNSHIP ESTABLISHING RULES AND REGULATIONS
GOVERNING CONSTRUCTION OF WATER SUPPLY WELLS;
PROVIDING FOR A WELL WATER STUDY AND PROVIDING
PENALTIES FOR BREACH OF THAT ORDINANCE AND
REGULATION ESTABLISHED HEREUNDER.**

ORDINANCE NUMBER 01-2006

**ADOPTED JANUARY 3, 2006
ENACTED JANUARY 9, 2006**

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HAMILTONBAN TOWNSHIP, ADAMS COUNTY, PENNSYLVANIA

ORDINANCE NUMBER _____

Upon review by the
Hamiltonban Township Planning Commission,
and the
Adams County Planning Commission
The
Hamiltonban Township Board of Supervisors hereby
ENACT AND ORDAINS
The following Ordinance.

SECTION 100 SHORT TITLE

This ordinance shall be know and may be cited as the:
**HAMILTONBAN TOWNSHIP
GROUNDWATER/WELL ORDINANCE**

SECTION 200 PURPOSE

The purpose of this ordinance is:

- To promote and protect the general health and welfare of the residents of Hamiltonban Township by conserving the supply and preventing the pollution and contamination of groundwater;
- To protect the quantity, quality, suitability, and sustainability of water supplies and;
- To secure and maintain the minimum required isolation distances between water supplies and sewage disposal systems or other sources of pollution and contamination.

SECTION 300 APPLICABILITY

This ordinance shall apply to all non-PA DEP permitted or regulated water supplies (wells) inclusive of:

- All wells to be drilled,
- All wells not in operation in operable condition at the time of this ordinance.
- All alterations to existing water supply which may affect the quantity and suitability of the water supply on the property upon which the well is constructed or on surrounding properties.

This ordinance shall not require permits for operable wells on properties that are vacated while being sold unless such wells are altered in any way.

This ordinance shall not require the testing of operable wells on properties that are on the market for sale unless such wells are altered in any way.

No new dug wells will be permitted in Hamiltonban Township as a source for water due to greater danger of pollution and unreliability of water supply..

SECTION 400 BUILDING PERMIT

No application for a building permit for any domestic, commercial, industrial or agricultural structure, use or change of use which involves the construction of a “well” will be accepted and/or approved in the absence of a “well approval permit” issued by the Township’s designated representative in accordance with the terms and conditions of this ordinance.

SECTION 500 ENVIRONMENTAL CONCERNS

During all activities and/or phases related to the construction of any well, including, but not limited to site preparation, drilling/boring processes, fracturing operations – if needed and any other completion operations needed to bring the well into service, the well driller will use environmentally sound practices, so as, to contain any and all products or residues resulting from processes required for the well construction including, but not limited to soil, rock fragments or pulverized rock, brines, fluids and/or water. The containment means shall be in accordance/compliance with all Federal, State, Local, PA DEP or Adams County Soil Conservation Office regulations and/or guidelines.

SECTION 600 GEOTHERMAL ENERGY WELLS

All sections and provisions of this Ordinance shall apply to any and/or all phases or processes included in the construction of all wells developed for the purpose of utilization of geothermal resources, exclusive of being tested for potability.

SECTION 700 COORDINATION FOR ALL WELL PROJECTS

Any water withdrawal project occurring within the boundaries of Hamiltonban Township whether under the jurisdiction of PA DEP or Adams County Soil Conservation or not, will be reviewed by the Township’s Engineering and/or Township.

Copies of all correspondence, applications, and required submissions and/or reports by the applicant to PA DEP or the Adams Soil Conservation Office shall be sent to the Township. Additionally, copies of all submissions, reports and/or correspondences

received by the applicant from PA DEP or the Adams County Soil Conservation Office shall be forwarded to the Township. A copy of any permits issued by PA DEP or the Adams County Soil Conservation Office shall be submitted to the Township.

SECTION 800 WELL DRILLING CONTROLS

Subsection 810 Permits

No construction, drilling, boring, reconstruction, major repair other change of or for any non-PA DEP permitted/regulated well/water supply for the production of water for domestic, commercial, industrial or agricultural purposes, for which potable water usage is intended or may be used, shall commence unless the property owner or his/her duly authorized agent shall apply for and receive a “well permit” for any such construction activity from Hamiltonban Township. Proper proof of contractors Insurance of Liability must be on file with the township for all well work.

- A. Said permit shall be issued on a form provided by the Township, which shall be executed by the duly authorized township representative.
 - B. All permits shall be issued to the property owner(s) or their duly authorized representative/well driller.
 - C. No permit shall be applied for, accepted, reviewed or approved without proper payment of the appropriate fee, at the time of application.
 - D. The township application form must be totally completed, before any review, processing or issuance of a “well permit” will occur. Completion of said form may be completed by the land owner(s), owner’s duly authorized person or by the well driller. Completion shall include plot or sketch plan of the subject property on which the well/water supply is to be constructed. The plot/sketch plan shall be drawn on standard size (8.5” X 11”) paper and shall include:
 1. A drawing showing the shape and lengths of all property lines.*
 2. The location of an existing, proposed or conceivable primary and secondary buildings/structures and their respective isolation/setback distance(s) from the well location. See Subsection 860 C., Application of Standards.
 3. The location of and isolation/setback distance(s) from the proposed well to any source(s) or potential source(s) of pollution, as outlined in Subsection 860 C., Application of Standards.
 4. A detailed listing of the above inclusions can be found on the “application for well construction” form.
- Burden of proving location of property line(s) shall fall on the property owner. If necessary a survey shall be performed at the owners expense.

- E. The application for a “well permit” shall be acted upon by the township’s duly authorized representative within seven (7) days of the time he/she receives application. Such action shall be either an approval or denial, in which case a written report explaining the denial is submitted to the applicant along with the original application.
- F. The township makes no claim(s) to the construction of the well, work done by the driller, the success of finding a water source, the quality or quantity of any water found, or future productivity of the well. Furthermore, disclaiming any responsibility of the well drilling process or events/occurrence resulting from the well drilling process.

Subsection 820 Permitting Time

- A. All permits shall be in effect as of the date of issuance and shall remain in effect for a period of six (6) months. In the event that water supply construction under the permit has not been completed at the expiration of six (6) months from the date of issuance, the permit shall expire.
- B. A request for an extension to the said permit must be submitted to the township in writing, ten (10) days before the expiration date of the original permit. Extensions are limited to thirty (30) days. Subsequent requests must be accompanied by an application for a new permit with the appropriate fee.
- C. In the event that a permit expires and construction has not begun, an application for a new permit must be submitted with the appropriate fee.
- D. Expiration of a permit during construction will result in the land owner, or person to whom the permit was issued, being prosecuted in accordance with the violations provision of the ordinance.

Subsection 830 Fee(s)

- A. The fee(s) for said “well permit” shall be _____ dollars (\$ _____).
- B. The fee schedule for the “well permit” can be modified, from time to time, by a resolution enacted during any advertised public meeting.
- C. The aforementioned fee (\$ _____), shall only apply to the processing of the original application, one pre-construction site inspection, one final inspection and a request for the first (only) extension (if needed). Additional time(s) for any review(s) or inspection(s) shall be billed in addition to the application fee at the rate of fifteen dollars (\$15.00) per each involvement, exclusive of a phone call, by the inspection person. Any additional fee charge shall be paid before the “well permit” or “well approval”, if applicable, is issued.

- D. All payments must be made to the Township at the time of application or before any further work is undertaken by the owner(s) or person(s) constructing the well.

Subsection 840 Inspection/Reviews

- A. The inspecting officer shall be a member of the Board or it's duly authorized representative.
- B. The inspecting officer may be changed from time to time, by the Board through resolution passed at any advertised public meeting.
- C. All inspection(s) shall be conducted at a scheduled time, pre-arranged between the inspecting officer and the land owner(s), owner's representative or the well driller. The time shall be as deemed appropriate, within reasonable limits, by the inspecting officer.
- D. The presence of the landowner(s), owner's representative or the well driller at the well site is required, so as to, witness the inspection process and answer any related questions which might arise as related to the well project or any construction or use proposed upon the well site property.
- E. Prior to any inspection(s) the site property must be clearly staked-out or markers placed to indicate the location of any/all applicable isolation/setback distances on the said property or on adjoining properties as found on the "Minimum Distance Table" in Subsection 860 (Application of Standards).
- F. A preliminary/pre-construction, on site, inspection shall be conducted by the inspecting officer before any well drilling has commenced. Prior to this inspection, the completed "Application for Well Construction" form must have been submitted, reviewed and approved by the township's inspecting officer. At this inspection the following shall be reviewed and/or determined:
 - 1. Comparison of approved application sketch/plot plan to site layout.
 - 2. Check on isolation/setback distances as found on the "Minimum Distance Table" in Subsection 860 (Application of Standards).
 - 3. Review of well location for possible flooding.
 - 4. Determination of any, applicable, "as approved" isolation/setback distances found on the "Minimum Distance Table" in Subsection 860 (Application of Standards).
 - 5. Either approval or denial of application, in which latter event, a written report stating the reason(s) for such denial shall be attached to the original application and directed to the proper person(s).

- G. A final, on site, inspection shall be conducted by the Township upon the completion of the well drilling and other related processes. Prior to that inspection, the completed “well drillers report” form must have been submitted, reviewed and approved by the inspecting officer. This inspection shall include:
1. Determination of compliance with the township permit issued.
 2. Determination of compliance with all sections of this Ordinance and/or all other applicable Federal, State, County or Local Regulatory Acts.
 3. The issuance of an “approval of operation” upon the original application or denial of such, due to non-compliance, as stated above, in which latter event, a written report stating the reason(s) for such denial shall be attached to the original application and directed to the proper person(s)

H. Disclaimer to Final Inspection

The issuance of an “approval at operation permit” by the Township’s representative does not in any way/form constitute a guarantee to the applicant, well driller, or property owner that the subject well will produce any quantity of water, that the quantity of water produced by the well is sufficient for the intended/proposed need(s), that the subject well is pure and fit for consumption, or what mineral or contaminate may be found/dissolved within any water produced, either at the time of the issuance of any permit(s) or at any given time in the future.

Subsection 850 Well driller’s Report

All well drillers shall upon completion of the drilling and construction of any well, file a report on a form supplied by the township. See appendage #1. Said report shall be filed with the inspecting representative before requesting, or concurrent with request for an “approval of operation” for the said well. The report shall be signed by the well driller.* The said report shall contain the following pertinent information:

Owner of Property	Address & Lot Number
Date of Completion	Depth of Casing
Depth of Well	Static Water Level
Well Driller	Yield in Gals/Min.
Type & Size of Casing	Grouting Certificate
Type of Test Pump Used	Pump Output-Gals/Min.

* The signature of the well driller found on the “driller’s report” shall secure as certification and testimony to the truthfulness of said report and verification that compliance with this ordinance and all other regulations, Federal, State, or Local, which might apply, have been met.

Subsection 860 Application of Standard:

The following standards shall apply to all non-PA DEP regulated/permitted wells/water supplies existing within, to be constructed within or are permitted in the boundaries of Hamiltonban Township.

- A. The said well/water supply must be drilled by a well driller licensed by the Commonwealth of Pennsylvania. The water well drilling rig must also be licensed by the Commonwealth of Pennsylvania and the permit for the rig must be carried by the operator during operation of same.
- B. The location of the subject well(s) shall be situated on the well site lot at a point free from flooding.
- C. All wells shall be located following the minimum distances to existing or possible future sources of pollution set forth below:

MINIMUM ISOLATION DISTANCE TABLE

Source	Minimum Distance (feet)
Storm drains	25
Drains carrying domestic sewage or Industrial wastes	50
Septic or holding tanks	50
Surface/subsurface sewage disposal fields	100
Sewage seepage pits, cesspools	100
Privies	50
Fuel Tanks	“ As Approved”
Streams, stormwater runoff ditches	25
Barnyards, animal areas, etc.	“As Approved”

Additional location restrictions.

Improvement/Object To be Measured From	Minimum Distance (feet)
Public/Private road right-of-way	15
Driveways	10
Principal/secondary structure/dwelling	20
Property lines	10

Note – “As approved” to be evaluated and determined during the preliminary inspection by the township representative.

D. Source of water. The source of supply shall be from a water-bearing formation drawn not less than one hundred (100) feet from the ground surface, with at least thirty feet (30) feet of properly grouted well casing, and from no formation which is subject to pollution.

E. Construction Specifications

1. The well shall have a watertight and durable wrought iron, steel or other type of approved casing with a nominal thickness of three-sixteenths ($3/16$) inches (.1875 inches) and six and five-eighths ($6 \frac{5}{8}$) inches outside diameter. The sections shall be joined together by threaded couplings, joints, by welding or any other watertight approved joint or coupling. The use of PVC or other non metallic casing shall not be allowed for exterior well casing.
2. The casing shall be carried to a minimum depth of twenty (20) feet from the finishing grade and in any case shall be extended ten (10) feet into bedrock or other impervious strata. Driven wells shall be provided with a drive shoe and other effective casing seal.
3. An annular space shall be provided between the well casing and the earth formation of a radius at least one and one-half ($1 \frac{1}{2}$) inches greater than the casing radius, excluding coupling for increased pressure grouting, or one and one-half ($1 \frac{1}{2}$) inches greater than the casing radius, excluding coupling for external grouting. The annular space shall be completely filled with impervious cement grout or equivalent sealing material from bottom of the casing to within five (5) feet of the ground surface. External grouting shall be accomplished utilizing a tremie pipe and grout pump to force out any standing water on the outside of the well casing.
4. The casing shall be sealed effectively against entrance of water from water-bearing formations, which are subject to pollution, through which the casing may pass. If casings of smaller diameter are used in the lower portions of the well, effective watertight seals shall be provided between the casings where they telescope. In such instances, sections of casing shall telescope for a minimum distance of four (4) feet.
5. The top of the well casing shall extend a minimum of eight (8) to twelve (12) inches above the finished grade of the lot so that contaminated water or other substances cannot enter the well through the annular opening at the top of the well casing, wall or pipe sleeve.

6. Every water well shall be equipped with an overlapping screen vented cap with interior seal at the top of the well casing or pipe sleeve. Cover/cap shall extend downward over the casing at least one and one-half (1 ½) inches over the outside of the casing or wall. All well caps shall indicate: well driller's name, depth of well, depth of casing and gallons per minute.
7. Where pump sections or discharge pipes enter or leave a well through the side of the casing, the circle of contact shall be watertight. The use of plastic/nylon adapters for this purpose is not acceptable. A brass pitless adapter with brass connectors or equivalent are required.
8. All electric wiring from the house to the well pump shall be of UF insulated type. The wire gauge/size shall be as indicated in the table found on Appendage #2. Said wiring shall be encased in a separate conduit through the foundation/wall of the house. The trench containing the wire(s) and or well pipe(s) shall be back filled with screening type material to a minimum thickness of six inches (6") completely surrounding the wire(s) and/or pipe(s).
9. The water line(s)/pipe(s) and wire(s) shall be buried in the ground to a minimum depth of three (3) feet below ground surface.
10. All water wells and springs shall be constructed so that surface drainage will be diverted away from the well or spring.
11. All pumps installed in wells drilled to a depth greater than three hundred (300) feet, but not to exceed four hundred fifty (450) feet, shall be installed with two-hundred-pound-per-square-inch plastic pipe. Well depths exceeding four hundred fifty (450) feet shall have pumps installed with Schedule 80 PVC threaded pipe or equivalent or galvanized steel pipe to support the increased pumping pressure required for deeper wells. The minimum acceptable pressure rating on plastic pipe is one hundred sixty (160) pounds per square inch, regardless of water supply depth. All well pumps over two (2) horsepower shall be installed on metal pipe.
12. The well rope attached to the well pump shall be tied off within the well casing pipe. Tie-off may be onto the brass pitless adaptor or onto an eyebolt affixed to the interior of the casing. No well rope shall extend/show on the exterior of the well casing.
13. Any pump room or any enclosure around a well pump shall be drained and protected from freezing by heating or other approved means. Where pumps are installed in basements, they shall be mounted on a block or shelf not less than eighteen (18) inches above the basement floor. Well pits shall be prohibited.

F. Water Service.

1. Size of water service pipe. The minimum diameter of water service pipe shall be three-fourths (3/4) inch.
 2. Separation of water service and building sewer/drain. Water service pipe shall be installed twelve (12) inches above or to the side of sewer drains.
- G. This Ordinance places no restrictions on “quantity” of water. The acceptability of water quantity is the sole responsibility of the property owner.

Subsection 870 Repair or Restoration.

- A. Drilled wells. Any restoration/repair of wells with casing terminating below grade shall be raised above grade to eight (8) to twelve (12) inches minimum.
- B. Springs. Before rehabilitation shall begin on an existing spring, a report shall be made to determine the advisability of said reconstruction, which shall include, as a minimum, quality and quantity of water. Springs for new construction are not considered an adequate water supply and will not be considered as valid for the issuance of a building permit. Reconstructed springs shall be completely enclosed by walls and a cover of reinforced concrete or equally durable watertight material. The cove shall have a firm foundation so as to effectively prevent settling. The uphill wall shall be so construct as to prevent entrance of surface water. Where manhole covers are used, the manhole shall be at least twenty-four (24) inches in diameter. It shall extend at least three (3) inches above the surrounding ground surface and be covered by an impervious durable cover of concrete, steel or equivalent material which overlaps the manhole vertically by at least two (2) inches. The manhole cover shall be effectively secured to the manhole by bolting, locking or equivalent means and shall be kept so secured.
- C. Abandoned water supplies. Wells, springs, cisterns and water storage tanks which are no longer in use shall be removed, filled or otherwise maintained in a condition such as to prevent access by unauthorized persons or animals to prevent accidental injury and to effectively prevent pollution of groundwater. Abandoned wells shall be completely filled with cement or equal impervious material.

SECTION 900 LAND OWNERS REPORT

Subsequent to building construction or usage but prior to or concurrent with the request for a “use/occupancy permit, from the Township, the owner/contractor or duly authorized person shall initiate appropriate action to have the on-site water supply tested by a certified laboratory and provide the Township of Hamiltonban a laboratory report containing the following information:

Total Coliform	Nitrates
Fecal Coliform	Hardness, equivalent calcium carbonates
Iron/manganese	

The testing laboratory must test all water samples for chlorine residue resulting from adding bleach to the well.

All samples shall be collected in accordance with procedures recommended by the testing laboratory.

If the sample does not meet EPA standards for safe drinking water, the water supply must be treated to make the water meet the standards.

SECTION 1000 WELLS FOR WASTE DISPOSAL

No well(s) shall be drilled, driven, bored, dug or otherwise constructed nor shall any existing well(s) be used for the purpose of disposal of any liquids, fluids, gaseous, and/or solid waste resulting from domestic, commercial, industrial or animal sources or activities.

SECTION 1100 DROUGHT

When the Township, County, and/or State declares a drought, the following water uses are declared non-essential and are prohibited within Hamiltonban Township.

1. The watering of lawns.
2. The watering of outdoor gardens, landscaped areas, trees, shrubs, and other outdoor plants, except between the hours of 5:00 p.m., and 9:00 a.m. by means of a bucket or pail at the minimum rate necessary.
3. The washing of automobiles and trucks except when required for safety or operational purposes.
4. The washing of streets, driveways, and sidewalks.
5. The serving of water in restaurants, clubs, or eating-places unless specifically requested by the individual.
6. Ornamental water use, including but not limited to, fountains, artificial waterfalls, and reflecting pools.
7. The use of water for flushing sewers or hydrants by any public or private individual or entity except as deemed necessary and approved in the interest of public health or safety by the Board of Supervisors.
8. The use of fire hydrants by fire companies for testing fire apparatus and for fire drills except as deemed necessary in the interest of public safety and specifically approved by the Board of Supervisors.
9. The use of fire hydrants by contractors and all others except as necessary for fire fighting or protection purposes.
10. The use of water to fill and top off swimming pools.

SECTION 1200 PUBLIC WATER SUPPLY WELLS/DISTRIBUTION SYSTEM

Every municipal corporation, municipal organization, private water supply company, private corporation, company or individual intending to construct a well (s) for public water supply shall notify, in writing, the Township of that intent. All such public water supply well(s) construction(s), approval(s) and/or inspection(s) which are within the jurisdiction of PA DEP shall so be regulated, all others shall be governed by the terms of this Ordinance.

SECTION 1300 LIABILITY

No responsibility or liability for the construction of any well/water supply nor guaranties of the quantity or quality of the water from that source shall be deemed to be assumed or accepted by Hamiltonban Township or its officers, agents, representative or employees by virtue of the terms of this Ordinance or otherwise.

SECTION 1400 DEFINITIONS

The following words or phrases when used in this Ordinance shall have the meaning described to them except where the content clearly indicates a different meaning.

- A. Authorized Representative – An individual(s) delegated by the landowner(s) or Township to act in their behalf.
- B. Board – Hamiltonban Township Board of Supervisors
- C. Construction - The building, erection, establishment, manufacture or fabrication of
- D. Drilling – All necessary actions conducted in the construction or reconstruction of wells such as drilling, boring, coring, washing, driving or letting. This shall not apply to drilling of blast holes or to core holes three and one half (3 ½) inches or less in diameter drilled for exploration or investigation.
- E. Drought – An extended period of dry weather, when the precipitation is forty percent (40%) below the norm for the area.
- F. Geothermal Resources – The natural heat of the earth, and the energy, in whatever form, below the surface of the earth present in, resulting from, or created by, or which may be extracted from, the natural heat, and obtained from naturally heated fluids, brines, associated gases, in whatever form, found below the surface of the earth, exclusive of oil, or hydrocarbon gases and substances.

- G. Ground Water – Any water, except capillary moisture, beneath the land surface or beneath the bed of any stream, lake, reservoir, or other body of surface water, what ever may be the geological formation of structure in which such water stands, flows, percolates or otherwise moves.
- H. Individual Water Supply (Private) – Well(s) intended and used to supply water on the property of a private home or to service no more than two (2) residential dwellings located upon the same property.
- I. Owner – The holder of the record title to real property or the person entitled to use of the property.
- J. Person – Any individual, company, municipality, corporation, partnership, association, or any agency of Local, County, State or Federal Government as well as a natural person and shall additionally mean anyone to whom water is supplied, whether as owner or tenant. This term shall include the officers, employees, and agents of any of the above listed entities.
- K. Pollution – The contamination or other alteration of the physical, chemical, or biological properties of any surface or ground waters which will or can reasonably be expected to render such waters harmful, detrimental, or injurious to domestic, commercial, industrial, agricultural, recreational or other legitimate beneficial use.
- L. Public Water Supply/Distribution System – A system for the provision of water for human consumption which serves three (3) or more dwelling units or provides water for one (1) or more commercial, industrial or institutional uses.
- M. Reservoir - An aquifer, combination of aquifers, zones containing, groundwater resources or any other below the land surface place where ground water is collected and stored.
- N. Township – Hamiltonban Township, Adams County, Pennsylvania
- O. Well – Any artificial opening or artificial altered natural opening that is drilled, cored, bored, driven or otherwise constructed for the location, diversion or acquisition of ground water or charging of water into underground strata.
- P. Well Driller – Any water well contractor licensed by the Commonwealth of Pennsylvania, his employees or representatives in responsible charge of drilling or otherwise constructing a well.
- Q. Well Pit – A pit/depression existing or constructed which houses and places the well casing cap below the surrounding ground level.

Section 1500 VIOLATIONS

1. Any person who violates any of the provisions of this Ordinance shall be subject to prosecution by the Township, and upon conviction before a District Justice shall be subject to a fine of no more than five hundred dollars (\$500.00).
2. Upon discovery of any violation of this Ordinance, the Township may, at its option, forego any prosecution hereunder, and may grant to the owner a period of thirty (30) days to comply with the provisions of this Ordinance. Upon failure of the owner to effect such compliance, the Township may initiate prosecution as herein above set forth.
3. For the purpose of this Ordinance, each day of a continuing violation shall be considered a new and additional violation of this Ordinance.
4. The Township may at its option, in addition to any other remedies available to it, institute an action in equity to enjoin, or any other appropriate action or proceeding, to restrain or prevent any violation of the provisions of this Ordinance.

Section 1600 PENALTY

The provisions of the Ordinance are declared to be for the health, safety and welfare of the citizens of the Township and persons violating any provision, upon conviction before any District Justice of Adams County, shall be fined the sum of Five Hundred (\$500.00) Dollars and costs. Each day during which such violation of any provisions shall continue, shall be deemed to be a separate offense.

Section 1700 SEVERABILITY

The provisions of this Ordinance shall be severable. 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 has such unconstitutional, illegal or invalid provision, sentence, clause, section or part hereof not been included.

SECTION 1800 REPEALER

All Ordinances or parts of Ordinances in conflict or inconsistent herewith, are hereby repealed.

SECTION 1900 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.

SO ORDAINED AND ENACTED into Ordinance this third day of January, 2006.

ATTEST:

BOARD OF SUPERVISORS
HAMILTONBAN TOWNSHIP

Secretary/Treasurer
LuAnn M. Dille

By: _____
Chairman James E. Benner

By: _____
Vice Chairman William E. Eckert

By: _____
Road Master Jay E. Deardorff

By: _____
Supervisor Robert L. Gordon

By: _____
Supervisor Coleen N. Reamer

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
 BUREAU OF TOPOGRAPHIC AND GEOLOGICAL SURVEY
 WATER WELL LICENSING/WATER WELL INVENTORY SECTION
 3240 SCHOOLHOUSE ROAD
 MIDDLETOWN, PA 17057-3534
 717-702-2017

Department of Conservation and Natural Resources

WATER WELL COMPLETION REPORT
 Use Ball Point Pen, Press Firmly and print Clearly
 (DO NOT WRITE IN GRAY COLORED BLOCK)

Topographic and Geologic Survey
 Water Well Drillers Licensing
 3240 Schoolhouse Road
 Middletown, PA 17057-3534
 717-702-2017

(See Reverse for Explanation)

St. 42 Co. ___ Lat. ___ Long. ___ Seq. ___ Acc. ___
 Topo Setting ___ Aquifer ___ Rock Type ___
 State Hydrologic Unit ___ Well # ___
 Map ___

Township/poro/city ___
 County ___
 Address ___
 Owner
 Last name ___ First name ___
 Driller
 Licensed Name ___ License Number ___
 Date Drilled ___
 Well: ___ dia (in)

Total Casing(1) ___ Length (ft) ___ dia (in) ___ steel gouted
 plastic not gouted
 Total Casing(2) ___ Length (ft) ___ dia (in) ___ steel gouted
 plastic not gouted
 Depth to bedrock ___ ft. Saltwater zone ___ ft.
 Water-bearing zones 1) ___ 2) ___
 3) ___ 4) ___
 Water levels: ___ ft (static) ___ ft (after test) ___ ft (drawdown)
 Yield ___ gallons per minute (GPM).
 Length of pump test: ___ hr ___ min

Driller's Signature (required) ___ Date ___

Well Type: (Circle Appropriate Answer)
 water supply, injection, monitoring, heat pump, test, other ___
 Water Use: residence, public, stock, irrigation, institution, industrial, geothermal, other ___
 Well Finish: open hole, open end, screen, perforated casing
 Length of screen or perforated casing ___
 Drilling method: cable, air rotary, auger, other ___
 Yield Method: bailer, watch/bucket, orifice, est. pump
 Landform at site: hilltop, valley, hillside, If Abandoned: Why? ___
 Development ___ Lot No. ___
 Local Well No. ___ Permit No. ___
 Directions to site ___

Well Log (materials penetrated)	FROM	TO

If this portion is traced, please give source.
 Indicate route numbers, intersections, schools, churches, cemeteries, streams, towns and any notable feature such as quarries, bridges, railroads, etc. Be sure to show distances between these features (miles/feet)

W S E

(SKETCH MAP)

MAIL ORIGINAL COPY TO THE PENNSYLVANIA GEOLOGICAL SURVEY (REQUIRED)

EXPLANATION AND GUIDE TO COMPLETING THE WATER WELL COMPLETION REPORT FORM

Well Site

For this section the COUNTY, TOWNSHIP, BORO, or CITY of the WELL SITE are needed. If you are unsure, ask the well owner for this information. For townships with two words, write out the full name.

Example: West Smithfield not W. Smithfield

Address

This should be the address of the well site. If the owner's current mailing address is different, then add it on the reverse section or somewhere in the map.

Well Owner

In most cases the person's last name and first initial or name are sufficient, but if the well is for an industry, borough or township, company, federal, or state agency, use that name instead of an individual's name. For a housing development where the homeowner is unknown, use the developer's name and state the development and lot number in the space provided on the sketch map.

Depth of Bedrock

This is the depth at which solid bedrock is encountered.

Salt Water Zone

Indicate the depth at which salt water was first encountered.

Depth to Water-Bearing Zone(s)

A water-bearing zone is a zone in the well from which there is a significant amount of water being produced. If the yield is known at each water-bearing zone add the yield in parentheses.

Example: 1) 70 (2) 2) 120 (5)

3) 180 (15)

Static Water Level

This level is the highest level that the water will rise in the well if left undisturbed for a period of at least one hour or for a time period sufficient for the level to stabilize after drilling.

Water Level at End of Pump Test

This refers to the lowest water level in the week during the pump test.

Drawdown

This is the difference between the water level before the test (static) and the water level at the end of the test.

Well type

Circle the correct choice even if the well is abandoned. If other, please explain.

Water use

Circle the correct choice even if the well is abandoned. If other, please explain. Stock refers to livestock.

Well Finish

Circle the correct choice. Well finish refers to how the well is completed through the water producing zone(s). Wells completed in unconsolidated material, such as sand and gravel, require well screens or perforated and/or slotted pipe to keep them from collapsing. "Open hole" refers to rock well that will stand open without internal support. If the well was completed in a method other than those listed, indicate the method in the sketch map space area of the form.

Landform

The topographic setting at the well site.

Local Well

Permit or registration number assigned by a local agency.

DEP Permit

Permit # assigned by DEP for regulated public water supply wells.

Abandonment

Please note that the report form must be filled out for dry or abandoned holes in addition to producing wells. If the well is abandoned, indicate why. Data from dry holes are needed to make an accurate assessment of the overall groundwater resource.

Clean or Deepened Wells

If the original depth and yield are known, please indicate. If deepening, please provide log, depth and yield.

Driller's Comments

Use any extra space in the sketch map area or the back of the form for any problems encountered in drilling or developing the well or additional information you feel is important.

Mailing of Records

Water Well Drillers Licensing Section
Bureau of Topo. & Geologic Survey
3240 Schoolhouse Road
Middletown, PA 17057-3534
717-702-2017

The FIRST (original) of the report is to be submitted to the Bureau of Topographic and Geologic Survey, the SECOND copy is for the well driller, the THIRD Copy is to be given to the well owner, and the FOURTH copy, if required, submitted to the municipality.

APPENDAGE #2

SINGLE PHASE MOTOR MAXIMUM CABLE LENGTH

(motor to service entrance)

Motor Rating		Copper Wire Size(1)								
Volts	HP	14	12	10	8	6	4	2	0	00
115	1/3	130	210	340	540	840	1300	1960	2910	3540
	1/2	100	160	250	390	620	960	1460	2160	2630
230	1/3	550	880	1390	2190	3400	5250	7960	11770	
	1/2	400	650	1020	1610	2510	3880	5880	8720	
	3/4	300	480	760	1200	1870	2890	4370	6470	7870
	1	250	400	630	990	1540	2380	3610	5360	6520
	1.5	190	310	480	770	1200	1870	2850	4280	5240

Motor Rating		Copper Wire Size(1)								
Volts	HP	14	12	10	8	6	4	2	0	00
230 (Cont.)	2	150	250	390	620	970	1530	2360	3620	4480
	3	120*	190	300	470	750	1190	1850	2890	3610
	5	0	0	180*	280	450	710	1110	1740	2170
	7.5	0	0	0	200*	310	490	750	1140	1410
	10	0	0	0	0	250*	390	600	930	1160
	15	0	0	0	0	170*	270*	430	660	820

(1) This table is based on copper wire. If aluminum wire is used it must be two sizes larger. Example: When the table calls for #12 copper wire you would use #10 aluminum wire.

(2) Single phase control boxes may be connected at any point of the total cable length.

HAMILTONBAN TOWNSHIP
APPLICATION FOR WELL CONSTRUCTION

PART I – Completed by Applicant

Date:
Lot Owner(s) Phone:
Owner’s Address
Property/site Address
Well Driller’s Name Phone:

Attach a sketch/plot drawing, (8.5”X11”paper), of said lot indicating the location of: property, boundary lines, all structures present, proposed or plausible proposed, well site, roadways (public and/or private), driveway(s), right-of-ways, streams, floodplains, wetlands, and all applicable sources of pollution, as listed on the “minimum distance table” found in Subsection 860 (Application of Standards), for both the well site property and adjoining properties if they are in proximity of the proposed well isolation distance. Distance from the well location to all above listed shall be indicated. The above mentioned must be clearly identifiable, marked and will be verified during on site inspection(s).

Owner/Authorized Representative

PART II – Completed by Township

Application Review Date Approval Disapproved
Preliminary, on Site, Inspection Date:
Preliminary Inspection: Approved Disapproved

Authorized Township Representative

Note: for those disapproved, see attached written report

PART III - Completed by Township

Review of “Well Driller’s Report” date

“Well Driller’s Report” Approved Disapproved

Final, On Site Inspection Date

“Approval of Operation” Date

Disapproval of “Operation” Date

Authorized Township Representative

Date

Note: for disapproval see attached written report

PART IV – Completed by Township

“Land owner’s Water Test Report” Date Received

Authorized Township Representative

Note: No “use/occupancy permit”, as addressed in the Township’s Zoning Ordinance (Article V, Section 502), shall be issued for any structure(s), use(s), or change of use(s) on any property within the Township for which a permit has been issued after the date, either of, issuance of an “Application for Well Construction” upon said property or enactment by the Township of its “Groundwater/Well Ordinance” without approval granted for “Approval of Operation” for the well(s).