

Manheim Township Water Well Permit Application

Property Owner Information:

Owner Name: _____

Owner Address: _____

Owner Phone Number: _____

Property Information:

Site Address or Subdivision Name & Lot Number:

PA Licensed Well Driller Information:

Well Driller Name: _____

Well Driller Address: _____

Well Driller Phone Number: _____

Well Driller License Number: _____

A scaled plot plan must be provided with this application in order for the application to be considered complete for processing.

Plot Plan Completion List:

- Plot Plan & Scaled Map Showing:
 1. Location and boundary lines of property
 2. Well setback lines (15 feet from Road Right of Way; 10 feet off all other property lines)
 3. Existing buildings & driveways on property (Setback is 30 feet from buildings, 10 feet from driveways)
 4. Existing well(s) on property

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5. Onsite sewage disposal system on property, including tanks and drain fields (Setback from septic tank or gravity line is 50 feet, 100 feet from drainfield)
6. Storm water seepage pit(s) on property (Setback is 100 feet)
7. Location of wells, sewage disposal systems or storm water seepage pits on adjoining properties, along with relevant boundary lines of adjoining properties containing these features
8. Location of any body of water and/or wetlands on or adjacent to the property
9. Location of any underground storage tanks on or adjacent to the property

Signature of Applicant: _____

Printed Name: _____

Date: _____

Manheim Township
Certification of Well Construction or Decommissioning

The undersigned licensed well driller hereby certifies that the water well constructed or decommissioned under the referenced well permit number was done in accordance with the construction or decommissioning standards established by Manheim Township Ordinance 2013-01, including installation of steel casing or removal of old casing, grout placement or water well sealing, and installation of a sanitary water well cap or removal of the decommissioned well cap.

Check this box if the water well permit is to decommission a water well

A copy of the new water well completion report is attached and hereby submitted with this certification.

Manheim Township Water Well Permit Number: _____

Depth of Water Well: _____ feet below top of casing

Water Well Blown Yield: _____ gallons per minute

Static level of Water Well: _____ feet below top of casing

Signature of Licensed Water Well Driller: _____

Date: _____

Manheim Township
Certification of Well Construction or Decommissioning

For this new water well, the licensed well driller or the water well owner certifies by signature below that a drawdown and interference test has been conducted and that any existing well within 200 feet but not on the same property has been monitored for significant impact to the static water level of that off site water well.

Check this box if well owner is responsible for **drawdown/interference testing**.

Static level of New Water Well after drawdown test at 2 gallons per minute for 2 hours:

_____ feet below top of casing

Check this box if there are no existing off site water wells within 200 feet.

List of static level drop(s) in feet on existing off site water well(s) within 200 feet after drawdown testing:

1. Address _____; Static Level Drop _____
2. Address _____; Static Level Drop _____
3. Address _____; Static Level Drop _____

If well owner is responsible for drawdown/interference testing, provide the name and phone number of the entity performing the testing:

Name: _____ Phone Number: _____

For this new water well, the licensed well driller or the water well owner also certifies that the well meets EPA standards for drinking water by providing a copy of the results of analysis from a Certified Laboratory.

Check this box if well owner is responsible for **disinfection and water quality analysis**.

Signature of Licensed Water Well Driller: _____

Signature of Water Well Owner when applicable: _____

Date: _____

Manheim Township
Certification of Well Construction or Decommissioning

- Steel well casing is required. Schedule 40 PVC Pipe is prohibited.
- An inspection is required during the grouting process and upon completion.
- A sanitary well cap is required
- Minimum residential supply: proposed well(s) must be capable of supplying potable water at the minimum rate of 600 gallons per day per unit of residential occupancy at a demand rate of not less than two gallons per minute for two hours, either with or without the use of a storage system. (Equates to a minimum yield of 0.42 GPM)
- A drawdown test of at least 2 GPM for 2 hours must be recorded while tracking the static water level.
- For off-site wells within 200 feet, the static level of each off-site well shall be monitored during the drawdown test.
- Following completion of construction of an individual water supply and installation of the pumping equipment, or alterations, repair or maintenance work, the well shall be pumped continuously until the water discharged is clear. The well, pump, piping system, and other fixtures shall be filled with water containing a concentration of not less than 50 parts per million (ppm) of free chlorine. A portion of the chlorine solution shall be circulated directly to the well in order to ensure proper agitation.
- The water shall not be used for a period of 24 hours. Other combinations of concentration and time intervals or other disinfectants such as HTH tablets may be used if demonstrated to be equally effective. One half-ounce of dry hypochlorite (70% available chlorine) dissolved in 52.5 gallons of water makes a 50 ppm strength disinfectant solution. Various proportions can be worked out. The purged water shall not be discharged into any subsurface sewage disposal system, and surface discharges shall not be done in a manner that causes soil erosion or adversely effects the environment, aquatic life, or downstream properties.
- After well disinfection, water samples shall be collected and analyzed for pH, total solids, iron, nitrate/nitrogen and coliform bacteria. The analysis results from a certified laboratory shall be provided to the owner and the Township.