

CHAPTER 26

WATER

Part 1

Well Location and Drilling

- §101. Short Title
- §102. Purpose
- §103. Application
- §104. Design Standards
- §105. Registration
- §106. Permits
- §107. Water Supply Inspections
- §108. Fees
- §109. Effective Date of Permit
- §110. Violations
- §111. Liability

Part 2

Drought Emergency

- §201. Authority
- §202. Definitions
- §203. Purpose
- §204. Scope
- §205. Prohibition of Non-Essential Uses
- §206. Well Drilling Restrictions
- §207. Penalties and Enforcement
- §208. Effective Period

Part 1

Well Location and Drilling

§101. **Short Title.** This Part shall be known and may be cited as the “Carroll Valley Borough Well Ordinance.” (7/9/1990, §6-1101)

§102. **Purpose.** The intention of this Part is to ensure and protect the quality and suitability of domestic water supply, and to secure and maintain the minimum required isolation distances between water supplies and sewage disposal systems or other sources of contamination. (17-90 7/9/1990, §6-1102; as amended by Ord. 5-94 7/11/1994, and by Ord. 7-96 6/10/1996)

§103. **Application.**

1. This Part shall apply to all wells which have not been completed, or which are not in operation or in an inoperable condition at the time of passage of this Part.
2. This Part shall further apply to the reconstruction, major repair and other changes to existing wells, when, in the opinion of the Inspecting Officer, such reconstruction, major repair and other changes may affect the quality and suitability of the water supply on the property upon which the well is constructed or on surrounding properties (17-90 7/9/1990, §6-1103)

The following standards shall apply for water supplies

1. Drilled and Driven Wells
 - A. Location Drilled and driven wells shall be located at a point free from flooding and at the following minimum distances to existing or possible future sources of pollution

Source of Pollution	Minimum Distance
Storm drains	25 feet
Drains carrying domestic sewage or industrial wastes	50 feet
Septic or holding tanks	50 feet
Surface/subsurface sewage disposal fields	100 feet
Sewage seepage pits, cesspools	100 feet
Privies	50 feet
Fuel tanks	As approved
Other (ditches, streams, barnyards, rainwater pits, etc.)	As approved
 - B. Additional Location Restrictions

Driveways	10 feet
Principal structure/dwelling	10 feet
Property lines	10 feet

(Ord. 7/11/1994)

2. **Construction.**

A. **Source.** 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 twenty (20) feet of properly grouted well casing, and from no formation which is subject to pollution.

B **Casing.**

(1) The well shall have a water-tight and durable wrought iron, steel, or other type of approved casing with a nominal thickness of 3/16 (.1875) inches and six and five- eighths (6 5/8) inches, outside diameter The sections shall be joined together by threaded couplings, joints, by welding or any other water-tight approved joint or coupling

(2) The casing shall be carried to a minimum depth of twenty (20) feet from the finished 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 or 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 1/2) inches greater than the casing radius, excluding coupling for internal pressure grouting, or one and one half (1) 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 water tight seals shall be provided between the casings when 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 to twelve (8-12) 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) Any restoration/repair of wells with casing terminating below grade shall be raised above grade to eight to twelve (8-12) inches minimum
(Ord. 5-94 7/11/1994)

C. **Well Covers.** Every potable water well shall be equipped with an overlapping cover at the top of the well casing or pipe sleeve. Covers shall extend downward at least two (2) inches over the outside of the well casing or wall. All well caps shall indicate well driller's name, depth of well and depth of casing.

(26, §104, 2., D.)

(26, §104, 2., D.)

D. **Drainage.** Construction of all potable water wells and reconstruction of existing springs shall be constructed so that surface drainage will be diverted away from the well or spring (Ord. 7/11/1994)

E. **Pumping Equipment.**

(1) All pumps installed in wells drilled to a depth greater than two hundred (200) feet, but not to exceed three hundred (300) feet shall be installed with two hundred (200) pound per square inch (psi) plastic pipe. Well depths exceeding three hundred (300) feet shall have pumps installed with Schedule 80 PVC threaded pipe or galvanized steel pipe to support the increased pumping pressure required for deeper wells For all pump depths less than two hundred (200) feet, the minimum acceptable pressure rating on plastic pipe is one hundred-sixty (160) pounds per square inch (psi). (Ord. 11/12/2002)

(2) 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 for this purpose is not acceptable. A brass pit-less adapter with brass connectors or equivalent is required.

(3) Electrical wiring for well pumps shall be encased in conduit from the bottom of the water supply line trench to the well cap.

(Ord. 5-94 7/11/1994)

F. **Pump Enclosure.** 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

3. **Domestic Water.**

A. A well or double well system shall produce at least one and one-quarter (1.25) gallons per minute. (Ord. 1-99 2/8/1999, as amended by Ord 5-00 5/8/2000, and by Ord 5-01 8/20/2001)

B. The water supply system shall produce not less than 500 gallons of water in a 2 hour period, at least once each day.

C. If the sustained yield of the well is not capable of meeting the total water supply standard described in 3 (B) above, sufficient storage shall be provided.

D. **Well Storage.**

(1) If well storage is required, the amount of storage is calculated by subtracting the well yield, as determined in 3(b), above, over a 2-hour period, from 500 gallons. (Ord. 1-99 2/8/1999, as amended by Ord. 5-00 5/8/2000)

- (2) The quantity of water in storage in the well is equal to the number of feet between the static water level and the level of draw down as determined in the pump test, multiplied times 1.5 gallons per foot for a 6 inch well.
- (3) Example of Determining Required Storage If a 6 inch well produces a constant 1 gallon per minute, it will produce 120 gallons in a 2 hour period The well storage, therefore, shall provide 380 gallons (500 gallons - 120 gallons =380 gallons) To provide this quantity the well shall contain 253 feet of water in storage (380 gallons - 1 5 gallons per foot = 253) plus 20 additional feet (to replace the capacity lost because the pump does not lie at the bottom of the well)
- (4) Table 1 has been provided to assist in determining the number of feet of water contained in well storage that is required to meet the well water supply standard (Ord. 1-99 2/8/1999)

4. **Minimum Yield for Domestic Wells**

- (1) Each domestic well producing four (4) gallons per minute or less shall be tested and approved for yield in accordance with 4(2) below. Driven, jetted, jetted- driven, and replacement wells, servicing an existing improved property, are exempt from this requirement This requirement shall apply to all areas of Carroll Valley Borough unless the Approving Authority exempts certain areas where, based on local knowledge, a mandatory yield test may be waived The minimum domestic water supply standard, however, as described in 3(a) shall be met before a domestic well is approved. Also, the Approving Authority may require a mandatory yield test in any area of the Borough if it is determined that a yield test is necessary to assure an adequate water supply. (1-99 2/8/1999, as amended by Ord. 5-99 5/10/1 999)
- (2) Yield Test. All wells drilled for domestic use in Carroll Valley Borough shall be tested as provided below commencing said test after 24 hours have passed from the cessation of the initial drilling or well hydro-fraction: (1-99 2/8/1999, as amended by Ord. 5-01 8/20/2001)
 - (a) The pump and related equipment shall be placed in the well and the static water level measurement recorded;
 - (b) Pumping shall begin at a rate of withdrawal greater than 8 gallons per minute until the water level drops to a point close to the bottom of the well;
 - (c) When the water reaches this point, the pump rate shall be adjusted so that the water level remains constant (in effect, pumping out any water which is flowing into the well);

(26, §104, 4. (2), (d))

(26, §104, 4. (2), (d))

- (d) Measure and record the volume of water discharged (flow meter reading) and water level (with electric tape) at 15-minute intervals throughout the test;
 - (e) Discharge the water at least 50 feet from the well and any on-site sewage disposal systems.
 - (f) A single interruption of pumping of up to 15 minutes due to equipment failure or other unusual circumstances will be permitted, but the amount of down time shall be made up by additional pumping at the end of the test.
- (3) The criteria for approval shall be a minimum yield of one and one-quarter (1 25) gallons per minute for 6 hours continuous pumping after the well has been pumped out as provided in 4.(2)(b), above. (1kcLi 2/8/1 999, as amended by QL 5/8/2000; and by Ord. 5-01 8/20/200 1)
- (4) The pump test can be terminated early and the well yield will be considered adequate if:
- (a) A well cannot be pumped out after 3 hours pumping as provided in 4. (2)(b);
 - (b) A well yields an average of 4 gallons per minute or greater for 3 hours continuous pumping, after the well has been pumped out as provided in 4 (2)(b)
- (5) The Approving Authority may permit two wells to be connected to meet the minimum yield requirement under 3. (a. A written request shall be submitted to the Approving Authority for each installation. The wells to be connected shall be tested in accordance with the procedures described in 4 (2) above, and each shall demonstrate a yield of 625 gallons per minute or greater throughout the entire uninterrupted draw-down phase Each well shall meet the storage requirements outlined in 3.(d). (Ord. 1-99, 2/8/1999, as amended by Ord. 5-00, 5/8/2000; and by Ord. 5-01, 8/20/2001)

(Ord. 1-99, 2/8/1999)

5. **Yield Tests for Non-Domestic Wells.** The Department of Environmental Protection may require a specific yield and draw-down test as part of the data collection requirements associated with an application for an appropriation or use permit.

Table 1

Feet of Storage Required in Well to Meet Total Well Water Supply Standard

	Nominal Well Sizes --Inches							
	2	3	4	5	6	7	8	
1.0	-	-	-	375	255	190	150	
1.5	-	-	-	315	220	160	125	
2.0	-	-	400	255	180	130	100	
2.5	-	-	310	200	140	100	80	
3.0	-	380	220	140	95	70	55	
3.5	-	220	125	80	55	40	35	
4.0	125	53	35	15	15	10	10	

*Caution: Table 1 is intended to aid in determining minimum well storage requirements. Additional storage may be necessary to adequately protect the pump during normal operation (for example 20 additional feet of storage is required to account for the loss of capacity because of the pump not lying on the bottom of the well).
Well Yield in GPM

(Ord. 1-99 2/8/1 999)

- 6. **Quality Requirements.** This Part places no restrictions on “quality” of water The acceptability of water quality is the sole responsibility of the property owner. (Ord. 17-90 7/9/1990, as amended by Ord 1-99 2/8/1999, and by Ord. 5-99 5/10/1999)
- 7. **Well Certification.** Driller's Report A report for each well shall be prepared by the driller and shall be submitted to the Borough of Carroll Valley for evaluation and approval The well 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/Mm.
Size of Casing	Grouting Certificate
Depth to Bedrock	Water Bearing Zones

(5-94 7/11/1994)

- 8. **Dug Wells.** No new dug wells will be permitted in the Borough of Carroll Valley due to the great danger of pollution and unreliability of water supply.

9. **Springs.** This Section of the specification is to be used for the reconstruction of existing springs only. 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 water-tight material. The cover shall have a firm foundation so as to effectively prevent settling. The uphill wall shall be so constructed 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

10. **Abandoned Water Supplies**

- A. 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 ground water. Abandoned wells shall be completely filled with cement or equal impervious material.
- B. Wells and springs shall not be used for the disposal of liquid, gaseous and/or solid wastes.

11. **Water Service**

- A. **Size of Water Service Pipe** The minimum diameter of water service pipe shall be three fourths (3/4) inch.
- B. **Separation of Water Service and Building Sewer/Drain.** Water service pipe shall be installed twelve (12) inches above sewer drains (See the BOCA Plumbing Code

(Chapter 5, Part 2 for specific requirements)(Ord. 7/9/1990, §6-1 104)

- 1. No construction, drilling, digging, reconstruction, major repair or other change of or for any well/water supply for the production of water for domestic purposes shall commence unless the property owner, or his/her duly authorized agent, shall apply for and receive a permit for such construction activity from the Borough of Carroll Valley.
- 2. Application for a well permit shall be made upon a form supplied by the Borough of Carroll Valley and shall be submitted to the Borough Secretary or Inspection Officer for review and approval.
- 3. The application shall set forth the following:
 - A. Name(s) of property owners.
 - B. Address or location of property.

(26, §105, 3., cont'd)

(26, §105, 3., cont'd)

C. Scale/sketch of premises showing proposed location of well, buildings, septic tanks, drain fields and boundary lines.

D. Name and license number of well driller.

(Ord. 17-90, 7/9/1990, §6-1105)

§106. **Permits.** All permits shall be issued on a form provided by the Borough of Carroll Valley, which shall be executed by the duly authorized Inspecting Officer. All permits shall be issued to the property owners or their duly authorized representative/well driller.

(Ord. 17-90, 7/9/1990, §6-1107; as amended by Ord. 5-94, 7/11/1994, and Ord. 7-96, 6/10/1996)

§107. **Water Supply Inspection**

1. Upon completion of construction, or at such other time as the Borough Inspecting Officer may deem appropriate, the Inspecting Officer shall perform a final inspection of the well/water supply to determine whether there has been compliance with the permit issued. Upon completion of the inspection, the Inspecting Officer shall: (a) issue an "Approval of Operation" upon the original permit, or (b) deny such approval due to non-compliance with the permit issued, in which event, written reasons for such denial shall be noted on the original permit.

A. An application for a building permit will not be accepted and/or approved in the absence of an "Approval of Operation" issued under the terms and conditions of this Part.

(Ord. 17-90, 7/9/1990, §6-1108; as amended by Ord. 7-96, 6/10/1996)

§108. **Fees.** All applications for a well permit shall be accompanied by a fee payable to the Borough of Carroll Valley in accordance with a schedule of fees established/revised from time to time by the Carroll Valley Borough Council. (Ord. 17-90, 7/9/1990, §6-1109; as amended by Ord. 7-96, 6/10/1996)

§109. **Effective Date of Permit.**

1. 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 and the validity of the permit shall cease and terminate.

2. A request for an extension to a permit must be submitted to the Borough in writing, ten (10) days before the expiration date of the permit. Extensions are limited to thirty (30) days. Subsequent requests must be accompanied by an application for a new permit with appropriate fee.

3. In the event a permit expires and construction has not begun, an application for a new permit must be submitted with appropriate fee.

A. Expiration of a permit during construction will result in the landowner being prosecuted in accordance with

(Ord. 17-90, 7/9/1990, §6-1110; as amended by Ord. 7-96 6/10/1996)

§110. **Violations**

1. Any person who violates any of the provisions of this Part shall, upon conviction thereof, be subject to a fine of not more than one thousand dollars (\$1,000.00) plus costs and, in default of said fine and costs to a term of imprisonment not to exceed thirty (30) days. (Ord. 5-92)
2. Upon discovery of any violation of this Part, the Borough of Carroll Valley may, at its option, forego any prosecution hereunder, and may grant to the owner a period of seven (7) calendar days to comply with the provisions of this Part. Upon failure of the owner to effect such compliance, the Borough may initiate prosecution as herein above set forth.
3. For the purpose of this Part, each day of a continuing violation shall be considered a new and additional violation of this Part.

(Ord. 17-90, 7/9/1990, §6-1111; as amended by Ord. 5-92 6/8/1992; and by Ord. 7-96 6/10/1996)

§111. **Liability.** No responsibility or liability for the construction of any well/water supply shall be deemed to be placed upon the Borough of Carroll Valley, or its officers, agents, or employees by virtue of the terms of this Part or otherwise. (Ord. 17-90, 7/9/1990, §6-1113; as amended by Ord. 7-96, 6/10/1996)

§112. **Severability.** If any section, paragraph, sentence, clause or phrase of this ordinance is declared unconstitutional, illegal or otherwise invalid by the judgment or decree of a court of competent jurisdiction, that invalidity shall not affect any of the remaining chapters, parts, sections, paragraphs, sentences, clauses or phrases of this ordinance,

§113. **Repealer.** All other ordinances or parts of ordinances inconsistent herewith shall be and the same expressly are repealed.

(Ord.17-90, 7/9/1990, §6-1101; as amended by Ord. 5-92 6/8/1992; by Ord. 5-94 7/11/1994; by Ord. 7-96 6/10/1996; by Ord. 1-99 2/8/1999; by Ord. 5-99 5/10/1999; by Ord. 5-00 5/8/2000; by Ord. 5-01 8/20/2001; and by Ord. 9-02 11/12/2002)

Part 2

Drought Emergency

§201. **Authority.** The Borough of Carroll Valley is authorized to promulgate, adopt and enforce plans for rationing/restricting water use by virtue of Emergency Management Services Code 35 Pa. C.S 701 et seq. as implemented by Drought Emergency Proclamations which may be issued from time to time by the Mayor Borough regulations governing drought emergency situations shall be superseded by those of the State of Pennsylvania, except for provisions not covered by State regulations, dt any time in which the Governor of Pennsylvania shall issue a Proclamation or Executive Order declaring a Drought Emergency.

§202 **Definitions.**

Aesthetic uses - the use of water for ornamental or decorative purposes, such as fountains, reflecting pools and waterfalls.

Any water - any type of water, including fresh water, brackish water, waste water or reclaimed waste water.

Arboretum - a place where trees, shrubs, and plants are cultivated for scientific and educational purposes

Borough - the Borough of Carroll Valley

DEP - the Pennsylvania Department of Environmental Protection

Drought Emergency - a protracted drought leading to a state of water shortage as evidenced by lower than normal surface water levels and/or temporary or permanent deficits in groundwater yields from on-site wells

Drought Emergency Proclamation - a formal declaration of a drought emergency setting forth the effective time period of the emergency, the specific areas affected and the degree to which specific areas are affected with regard to the within regulations A Drought Emergency Proclamation shall be in the form of a Resolution which shall be formally adopted at a duly advertised public hearing

Fresh water - water withdrawn from a surface water or groundwater source, or from a public water supply system, located within the Borough, which has not been previously used, other than brackish water and water from a non-portable source. The term does not include water collected directly from precipitation in rain barrels or cisterns

Mayor - the Mayor of the Borough of Carroll Valley.

Reclaimed water - waste water which has been treated to allow reuse.

Waste water - water which has been previously used for industrial, municipal, domestic, or other purposes, and has not been returned to the surface water or groundwater source.

Water from a non-potable source - water from a surface water or groundwater source which the Borough determines is not used for public or private drinking water supply, and is not capable of being rendered suitable for drinking water supply by standard and economically feasible methods of treatment

§203 **Purpose.** The purpose of these regulations is to prohibit non-essential water uses in response to the state of drought and water supply emergency within the Borough, or certain areas of the Borough, in order to conserve water, to balance demand with limited available supplies, and to assure that sufficient water is available to serve essential health, safety, and economic needs.

§204. **Scope.** These regulations shall apply to all water uses within the entire geographical boundaries of the Borough, or parts thereof, as shall be defined in a Drought Emergency Proclamation issued from time to time by the Mayor in response to such an emergency.

§205. **Prohibition of Non-Essential Uses.** The following water uses are declared non essential and are prohibited within the Borough for the duration of a Drought Emergency as proclaimed by the Mayor:

1. The use of any water for watering of lawns except
 - A. Water may be applied to grass areas as part of a sewage or storm water treatment system utilizing spray irrigation.
 - B. Water may be applied at the minimum rate necessary to maintain grass tennis courts.
 - C. Water may be used at the minimum rate necessary to establish and maintain newly seeded and sodded grass areas when applied between the hours of 5 p.m. to 9 a.m. by means of t bucket, can or hand-held hose equipped with an automatic shut-off nozzle. Sprinklers may not be used for this purpose.
 - D. Water may be used at the minimum rate necessary to establish and maintain newly seeded for sodded nonresidential grass areas exceeding 10,000 square feet when applied between the hours of 5 p m and 9 a m , by any means designed and operated to assure effective conservation of the water
 - E. Water may be used by a professional landscaper at the minimum rate necessary on newly seeded and sodded grass areas greater than 10,000 square feet during regular working hours by any means designed and operated to assure effective conservation of the water
2. The use of fresh water for irrigation and watering of outdoor gardens landscaped
 - A. Used for agricultural irrigation for the production of food and fiber, or the maintenance of livestock.
 - B. Applied by means of a hand-held hose equipped with an automatic shut-off nozzle, when applied between the hours of 5 p.m. and 9 a.m.
 - C. Applied by means of a hand-held container or hand-held hose equipped with an automatic shut-off nozzle at the minimum rate necessary to establish and maintain newly planted gardens, trees, shrubs or other outdoor plants. Sources of water, other than fresh water, shall be used where available

- D. Used by commercial nurseries at the minimum rate necessary to maintain stock, to the extent that sources of water, other than fresh water, adequate to supply needs are not available or feasible to use
 - E. Used by arboretums and public gardens of National, State, or regional significance at the minimum rate necessary to preserve specimens, to the extent that sources of water, other than fresh water, adequate to supply needs are not available or feasible to use.
 - F. Used at the minimum rate necessary to implement re-vegetation following earth moving, where such re-vegetation is required pursuant to an approved erosion and sedimentation control plan adopted pursuant to State law or regulation, to the extent that sources of water, other than freshwater, adequate to supply needs are not available or feasible to use Re-vegetation use shall comply with applicable best conservation practices as prescribed by DEP and County conservation districts
3. The use of fresh water for watering any portion of golf courses, except that fresh water may be used
- A. To water tees and greens during the hours of 5 p m and 9 a m
 - B. To syringe heat sensitive grasses during daytime stress periods at the minimum rate necessary.
 - C. As part of a necessary over-seeding or re-sodding operation during the months of August, September and October at the minimum rate necessary
4. The use of any water for washing paved surfaces such as streets, roads, sidewalks driveways, garages parking areas tennis courts and patios except water may be used:
- A. For pre-washing in preparation of asphalt Street or driveway recoating and sealing
 - B. At the minimum rate necessary for the maintenance of tennis courts composed of clay or similar materials by means of a hand-held hose equipped with an automatic shutoff nozzle.
 - C. At the minimum rate necessary for sanitation of the premises of eating and drinking places.
5. The use of any water for ornamental purposes including fountains, artificial water falls and reflecting pools,
6. The use of any water for washing or cleaning of mobile equipment, including automobiles, trucks, trailers and boats, except that:
- A. An individual may wash personally owned or leased vehicles by buckets only.
 - B. Water may be used by commercial car washes at the minimum rate necessary to ensure an effective wash.
 - C. Water may be used for cleaning of construction, emergency, public transportation or government vehicles if necessary to preserve the proper functioning and safe operation of the vehicle

- D. Water may be used by professional mobile wash businesses, at the minimum late necessary, for the washing of commercial, government or other vehicles as part of normal business practices
- 7. The serving of water in restaurants, clubs or eating places, unless specifically requested by the individual.
- 8. The use of water to fill and top off swimming pools, except that water may be used to fill and top off
 - A. Public swimming pools and residential swimming pools serving 25 or more dwelling units, if the pools have filtration equipment allowing for continued use and recycling of water over the swimming season
 - B. Swimming pools operated by health care facilities used in relation to patient care and rehabilitation.
- 9. The use of water to fill any public or private swimming pool which does not have filtration equipment allowing for continued use and recycling of the water over the swimming season.

§206 **Well Drilling Restrictions.** In order to protect existing water resources, all well drilling and testing operations required for new construction shall cease within the entire geographical boundaries of the Borough, *or parts thereof*, as determined by the Borough Council and as shall be defined in the Drought Emergency Proclamation of the Mayor for the duration of a proclaimed drought emergency Extending or hydro-fracturing existing wells, or drilling new wells to serve an existing structure, because the existing well is not producing a sustainable amount of water is permitted even in restricted areas during a drought emergency.

During a drought emergency, it is highly recommended that in the course of conducting well drilling operations and yield tests in those areas where permitted, the test water be recaptured and contained, rather than discarding it, by whatever means available for use in some necessitous purpose not requiring potable water.

§207. **Penalties and Enforcement.** Any person who violates the provisions of these regulations, who fails to carry out duties and responsibilities imposed by these regulations, or who impedes or interferes with any action undertaken or ordered pursuant to these regulations, shall be subject to the penalties provided by law under 35 Pa. C.S. §7707. It shall be the duty of the Borough police to enforce the provisions of this part.

§208. **Effective Period.** These regulations shall remain in effect for the duration of the drought emergency as defined in the Drought Emergency Proclamation or until terminated by action of the Borough Council of the Borough of Carroll Valley.

WELL DRILLERS
RESOUCE LIST

ALEXANDER'S WELL DRILLING RD #2, Fairfield, PA	717-642-5285
EICHELBERGER WELL DRILLING 841 West Trindle Rd., Mechanicsburg, PA	800-382-1434
WELDO W. FUNT WELL DRILLING RD #6, Gettysburg, PA	717-677-9555
NEGLEY'S WELL DRILLING 16199 Cumberland Highway, Newburg, PA	717-532-9190
WILLIAM W. REICHART, INC RD #2, Hanover, PA	717-632-2249
RAY TOMS WELL DRILLING 315 Middour Avenue, Fayettevill, PA	717-352-2765
WILSON WELL DRILLING 415 Bendersville-Wenksville Road, Aspers, PA	717-677-6591

**APPLICATION FOR
WELL CONSTRUCTION
in
CARROLL VALLEY BOROUGH**

Date of Application _____

Lot Number _____

Property Location _____

Lot Owner: _____ Phone #: _____

Owner's mailing Address: _____
Street Location City State Zip code

WELL DRILLER INFORMATION

Well Driller Name: _____ Phone #: _____

Address: _____
Street Location City State Zip code

Certification Number _____

Attach a sketch of the lot indicating the location of the proposed well. If applicable, annotate the location of the on-site septic system / holding tank, also any streams, swales or utilities traversing the property.

Inspection Date: ____ / ____ / ____

Code Enforcement Officer

\$150.00 Permit Fee received on _____

Control Requirements for Well Drilling.

For well drilling prior to lot development or receipt of a clearing and grading permit, it is imperative that site disturbance be kept to the minimum necessary. Prior to approval of the well permit the Code Enforcement Officer will meet with the owner or his agent at the proposed site to discuss site restraints and develop the most appropriate E&S plan for the well drilling site. In cases where due to terrain and well location greater than 5000 square feet disturbance is required to get in to drill the well a formal E&S plan shall be required. In no case shall the E&S requirements be less than measures below:

Driveway Requirements: (temporary Driveway Application Permit required)

Prior to commencing any stage of land development (i.e., grading, clearing, well drilling, septic system installation, or house construction, etc.), a access driveway must be provided between the road right-of-way and the lot line at each building site #3 stone required to control the mud and debris on the lot during construction. At the discretion of the Municipal Services Supervisor, a culvert pipe of a size sufficient to allow the free flow of water into the established drainage ditches may also be required prior to commencing land development. These requirements shall be noted on the driveway permit application.

[Ord. 7-00, 6/12/2000]

WELL DRILLING CONSTRUCTION SEQUENCE

1. If the well is to be drilled within the area covered by the proposed erosion controls and the controls are installed, no additional erosion controls will be required to drill the well.
2. If the well is located outside the area covered by the proposed erosion controls or the erosion controls have not yet been installed the following sequence shall apply to all well drilling activities:
 - a. The contractor shall install super silt fence parallel to the contour, down-slope from the well drilling activities.
 - b. The contractor shall keep earth disturbances to the minimum required for the drilling equipment.
 - c. The contractor shall drill the well.
 - d. The contractor shall remove the super silt fence upon complete stabilization of the well drilling site. The super silt fence may be moved to another location of the site if possible.