

Borough of South River, NJ
Friday, April 4, 2025

Chapter 333. Water

[HISTORY: Adopted by the Mayor and Council of the Borough of South River as indicated in article histories. Amendments noted where applicable.]

GENERAL REFERENCES

General penalty — See Ch. 1, Art. I.
Fees — See Ch. 155.
Utilities Department — See Ch. 86.
Uniform construction codes — See Ch. 129.
Fire prevention — See Ch. 169.
Sewers — See Ch. 275.
Subdivision and site plan review — See Ch. 295.
Water supply — See Ch. 390.

Article I. Water Use

[Adopted 1-28-1930 (Ch. 199 of the 1977 Code)]

§ 333-1. Applicability.

The following regulations shall be considered a part of the contract with every person who uses water from the waterworks, and the fact of using the water shall be considered as expressing assent on the part of the user to be bound thereby.^[1]

[1] *Editor's Note: These regulations were established by an ordinance of the Board of Public Works of the Borough of South River on January 28, 1930, and were amended from time to time by the Board of Public Works. However, the Board of Public Works was abolished on March 7, 1973, by Ord. No. 1973-5. Currently there is a Utilities Department in the Borough under the direction of the Utilities Committee of the Borough Council, and amendments to the regulations are now adopted by the Mayor and Council. Regarding certain resolutions adopted by the Board of Public Works pertaining to changes in policy as to extensions of waterlines and to annual rental fees for hydrants, consult the offices of the Utilities Department.*

§ 333-2. Applications for use of water.

[Amended 6-21-2000 by Ord. No. 2000-21]

All applications for the use of water must be made at the Utilities Department in the Borough of South River, in the form prescribed, and such applications shall fully and truly state the various uses to which the water is to be applied; and, should water subsequently be required for other purposes, notice must be given and approval secured before the desired change or changes may be made.

§ 333-3. Furnishing of suitable materials for connection.

[Amended 12-26-1946]

Effective three months from the date hereof, all water services in the Borough of South River from the main to the meter shall be Type K soft copper tubing. Suitable corporation cocks and curb cocks will be furnished by the Utilities Department to the licensed plumbers of the Borough to connect with the aforesaid copper tubing.

§ 333-4. Maintenance of pipes and fixtures.

[Amended 9-9-1982 by Ord. No. 1982-34; 2-5-1992 by Ord. No. 1992-4; 12-10-1997 by Ord. No. 1997-35; 6-21-2000 by Ord. No. 2000-21]

- A. All consumers of water shall keep the water pipes and fixtures within their premises and the service line to the main in good repair and protect the same from frost at their own expense. In the event that any water leaks shall develop in the service line to the main, the consumer shall be responsible for and repair the same immediately upon notice of the Utilities Department, Director of Public Works or his agent, which notice shall specify the time at which such repairs shall be made. In the event that the repair is not determined by the Utilities Department, Director of Public Works or his agent to be of an emergent nature, the consumer shall be given at least 24 hours to make the repair. If the consumer shall not perform the repair work within the time set forth in such notice, the Utilities Department shall cause such repair to be made, and the consumer shall be liable to the Utilities Department for all costs incurred in the making of said repairs. Failure to comply and reimburse the Borough for costs incurred can result in a lien placed on the property.

[Amended 11-25-2013 by Ord. No. 2013-26]

- B. All consumers shall keep the water meter accessible and protect the same from frost and damage at their own expense.

§ 333-5. Placement and use of stopcock.

[Amended 3-26-1980 by Ord. No. 1980-8; 12-10-1997 by Ord. No. 1997-35; 6-21-2000 by Ord. No. 2000-21]

- A. A stopcock and box shall in all cases be placed at the curblin, which shall be used only by the Utilities Department, Director of Public Works or his agent or by permit granted in writing by the Utilities Department, Director of Public Works or his agent, and any persons turning on the water when it has been turned off at the curb shall be subject to the penalties in § 333-36.
- B. The Utilities Department shall not be liable for any damages resulting from a failure to observe this important regulation.
- C. The water in no case must be left running without a special permit by the Utilities Department, Director of Public Works or his agent.
- D. All consumers of water shall keep the stopcock and box in good repair and protect the same from frost at their own expense.

§ 333-6. Plumbing requirements.

[Amended 3-26-1980 by Ord. No. 1980-8; 6-21-2000 by Ord. No. 2000-21]

The Utilities Department will not connect with plumbing which has not been done by a plumber licensed by the proper Borough authorities unless said plumbing has been examined and approved by the Plumbing Subcode Official and return made in due form.

§ 333-7. Two or more parties using one service pipe.

When two or more parties take water through one service pipe, the provisions in regard to the cutting off of the supply pipe shall be applicable to all the parties although one or more of them may be innocent of any cause of offense.

§ 333-8. Responsibility for tenants' bills.

Owners of premises will be held responsible for the water bills of their tenants.

§ 333-9. Supplying water to others.

[Amended 3-26-1980 by Ord. No. 1980-8; 6-21-2000 by Ord. No. 2000-21]

No water taker shall supply water to parties not entitled to its use, except upon permission from the Utilities Department, Director of Public Works or his agent, given in writing, under the penalty provided in § 333-36 for each and every offense.

§ 333-10. Nonliability of municipality.

[Amended 6-21-2000 by Ord. No. 2000-21]

The consumer shall not be entitled to damages nor will any part of payment be refunded for any stoppage of supply occasioned by an accident to any portion of the works nor for stoppage for the purpose of addition or repairs. The Utilities Department, Director of Public Works or his agent shall have the right to shut off the water to make extensions, alterations and repairs.

§ 333-11. Accessibility of premises.

[Amended 3-26-1980 by Ord. No. 1980-8]

All apparatus and places supplied with water must be accessible and open to the inspection of the Utility Engineer or his agents at all times, and all pipes and fixtures shall be subject to rejection by said Utility Engineer if considered unsuitable for the purpose. Failure to comply with this section, upon proper notification, will result in discontinuation of services.

§ 333-12. Increase in or extension of fixtures.

No increase or extensions of fixtures shall be made without written permission from the Utility Engineer.

§ 333-13. Presumption of use of fixtures.

In all occupied premises all water fixtures of whatever nature will be deemed and held as used and will be charged for as long as the fixtures shall remain connected with the water pipes.

§ 333-14. Use of fire hydrants.

No one will be allowed to use water through fire hydrants or pipes for any other purpose except upon written permission from the Utility Engineer.

§ 333-15. Payment for new service.

[Amended 6-21-2000 by Ord. No. 2000-21]

Upon a request for any new service, the bills for work done or materials furnished by the Utilities Department must be paid before the water shall be turned on.

§ 333-16. Furnishing of meters.

[Amended 6-21-2000 by Ord. No. 2000-21]

All users of water shall be provided a meter by the Utilities Department of the Borough of South River, said meter to be installed and paid for by the user of said water, and in no case, except subject to special permission of the Utilities Department, shall any water connection be made without a meter.

§ 333-17. Payment of bills; discontinuance of service; building.

[Amended 2-9-1967; 3-26-1980 by Ord. No. 1980-8; 8-14-1996 by Ord. No. 1996-20]

- A. All water bills of consumers shall be payable at the office of the Utilities Department by the due date. In the event that any such bill is not paid on or before 40 days from the date of the first past-due balance, then the service to the premises owned or occupied by the person or persons in arrears shall be shut off. Such service shall not be turned on until all arrearages have been paid, together with as provided in Chapter **155**, Fees. This shall be in addition to and not in limitation of any other statute or ordinance.

[Amended 11-25-2013 by Ord. No. 2013-26]

- B. In the case of water service being required for building purposes, the applicant shall therefor pay a service fee equivalent to the current residential quarterly minimum rate charged in advance. The balance due for such service shall be paid in full as outlined above, immediately upon completion of said building.
- C. In the event that a water consumer is unable to pay any water charges as billed by the Borough of South River, said consumer may request to be placed on an installment payment plan to allow any arrearages and charges to be brought current. Said installment agreement shall be liberally granted by the Business Administrator; however, all future charges at the time said agreement is entered are due and payable upon receipt. In addition, upon the entering of any installment agreement, said water consumer shall pay a fee as provided in Chapter **155**, Fees, by the Business Administrator. Said administrative charge shall be in addition to any other charges which may accrue according to Borough Code. Failure to comply with the payment plan will result in immediate discontinuance of service.

[Amended 11-25-2013 by Ord. No. 2013-26]

- D. The option of a duplicate mailing of tenant water and electric bills is available to owners at an annual cost of \$32.

[Added 11-25-2013 by Ord. No. 2013-26]

§ 333-18. Claims for deductions.

[Amended 6-21-2000 by Ord. No. 2000-21]

All claims for deductions must be made in writing to the Utilities Department, which has full power to grant said deductions.

§ 333-19. Water rates.

[Last amended 4-3-2006 by Ord. No. 2006-7]

- A. The minimum charge per quarter for all consumers within the Borough of South River shall be as provided in Chapter **155**, Fees.

- B. The quarterly rates of all water consumed by consumers in all meter size categories shall be as provided in Chapter **155**, Fees.
- C. The current exemption policy maintained by the Utilities Department of the Borough of South River shall continue through the last day of the third quarter in the 1988 calendar year. Thereafter, all consumers of water within the Borough of South River shall pay for all water consumed at the rates set forth in this section, except as follows:
 - (1) Any municipally owned, operated or controlled building, structure, facility or use shall be exempt from any charge for water consumption.
 - (2) Every person, a citizen and resident of this Borough, of the age of 65 or more years, or less than 65 years of age who is permanently and totally disabled, and their surviving spouses (age 55 or more), having an income not in excess of the allowable maximum permissible for senior citizen tax deductions per year, excluding social security, capital gains (on property where a senior citizen deduction was claimed) and other funds approved by the state statutes, and residing in a dwelling house owned by him, shall be entitled to a credit in the amount of 10%, but not to exceed the amount provided in Chapter **155**, Fees, for each quarterly water bill, which shall be received so long as said consumer shall provide proper proof or documentation to the Utilities Department of his qualified status.

§ 333-20. Interest on delinquent bills.

[Added 6-24-1969]

- A. The Revised Statutes of New Jersey, more particularly N.J.S.A. 54:4-67, permits an interest charge on delinquent payment of water bills, and pursuant thereto the following shall apply:
 - (1) Thirty days from the date of billing, no interest shall be applied.
 - (2) From the 31st day to the 60th day from the date of billing, an interest charge of 8% will be applied.
 - (3) After the 30th day from billing, customer's service will be discontinued and subject to normal charges for reinstatement of such service.

[Amended 3-26-1980 by Ord. No. 1980-8]
- B. All such water billings must be paid in proper sequence, and "skip paying" of such water billings will not be permitted.

§ 333-21. Tapping procedures and connection fees.

[Amended 1-22-1948; 3-26-1980 by Ord. No. 1980-8; 8-14-1996 by Ord. No. 1996-22; 12-10-1997 by Ord. No. 1997-36; 8-19-2019 by Ord. No. 2019-13]

- A. Where a tap for a service connection to any water main is required, application therefor shall be made either by the property owner or by the plumber contracting for or doing the plumbing work in connection therewith. All excavation and trench work must be done by the plumber. Payment for taps shall be made upon application therefor, but the acceptance of payment or the issuance of a permit does not bind the Utilities Department to make such tap if for any reason it may deem such work inadvisable. The schedule of charges in Chapter **155**, Fees, shall be made for tapping for a service connection.
- B. In the event an application requires a determination that a property may need an increase in water capacity, an escrow deposit of \$2,500 shall be paid to the South River Utilities Department. The escrow shall be utilized for the professional services of the Borough Engineer in conducting a review and analysis of the potential increase in capacity for the development. The escrow shall be deposited by the Chief Financial Officer of the Borough, or his/her designee, in an account for such

purposes under the sole control of the Borough. Said escrow may be commingled with similar escrows from other applicants, but accurate accounts and records shall be kept so as to identify particular escrows and charges made against the same. At the conclusion of the Municipal Engineer's report and analysis, the applicant shall be entitled to the return of the balance of the escrow.

- C. All connection fees to be paid to the Borough shall be determined annually on January 1 of the calendar year by calculating the total past capital costs of the Borough's water system to date and dividing that total cost by the number of equivalent (or service) connections existing within the Borough. This calculation shall be made by the appropriate personnel of the Finance Department or Utilities Department of the Borough in order to enable the Borough to receive capital cost of its water system from users as they enter the system. The rates for the different size connections shall be posted by the Utilities Department annually in a conspicuous place where permits are issued.
- D. Said rates shall be as provided in Chapter **155**, Fees.

§ 333-22. Meter operation.

[Amended 3-26-1980 by Ord. No. 1980-8]

- A. If a meter gets out of order and fails to register, the consumption will be charged at the average daily consumption shown by the meter when in order, based on a similar quarter for the previous year's consumption.
 - B. All water which passes through a meter will be charged for, whether used or wasted.
 - C. Consumers shall be responsible for maintaining access to meters at all times. In the event that Borough personnel must clear access to any meter, consumers shall be responsible for the cost of obtaining access in accordance with the prevailing Borough wage scale.
- [Added 11-26-1980 by Ord. No. 1980-45]

§ 333-23. Licensing of plumbers and pipe fitters.

[Amended 9-18-2006 by Ord. No. 2006-31]

Properly licensed plumbers and pipe fitters wishing to do business in connection with the South River waterworks shall execute a surety bond, to be approved by the Board, in the sum of \$1,000. The condition of this bond shall be that the plumber shall conform to and be governed by the rules and regulations adopted by said authorities and shall save the Departments harmless from all damages and expense caused by neglect to provide suitable protection from accident or defective work. The above-mentioned bond shall be renewed annually.

§ 333-24. Application for license.

Each plumber and pipe fitter shall state in his application for license his actual place of business, together with name of firm under which said business is done, and shall immediately notify the Utility Engineer of any change in either.

§ 333-25. Reports by plumbers and pipe fitters.

- A. Plumbers and pipe fitters shall make full, written returns for each service, upon blanks furnished by the Department, of the ordinary and special uses to which the water is to be applied, whether for new works, alterations or additions, with a full description of all apparatus and arrangements for using the water. The return shall be made within 48 hours after the completion of the work. The water will in no case be turned on until return is made.

- B. No plumber or pipe fitter shall be allowed to turn on the water.

§ 333-26. Approval of plumbing and piping.

The strength of all plumbing and piping will be subject to the approval of the proper officers of the Department.

§ 333-27. Service pipes and connections.

- A. Each house must have a service pipe from the main and meter, the minimum advance charge being the current residential quarterly minimum for each meter. No permission will be granted for two or more houses to take water from the same tap in main.
[Amended 3-26-1980 by Ord. No. 1980-8]
- B. No permission will be given for any water connection over 100 feet away from the main.
- C. No hydrant or faucet connection with the water system which is used for any other purpose than that of fire protection or sprinkling shall be maintained in the grounds of any person or persons. No other outside hydrants will be permitted.

§ 333-28. Obtaining of sewer permit.

[Amended 3-26-1980 by Ord. No. 1980-8; 12-10-1997 by Ord. No. 1997-35]

At the time a permit is granted for the tapping of the water main, a sewer permit must be secured for the same premises if such premises are located on streets where both water and sewer pipes are laid, and the inspection of both water and sewer connection shall be properly made and approved by a Plumbing Subcode Official of the Borough before the work is covered up. In any case where either water or sewer is tapped without a permit and the work is covered up before inspection and approval by a Plumbing Subcode Official of the Borough, a fine as provided in § 333-36 will be levied and collected from the person or persons who are doing or did such work. At the discretion of the Plumbing Subcode Official, any work may be ordered uncovered to allow for a proper inspection as required.

§ 333-29. Prevention of backflow.

Whenever an apparatus is installed to store or contain water, there must be a check valve on the inlet pipe thereof to prevent the water from flowing back through the meter caused by a decreased pressure in the street main.

§ 333-30. House drains.

House drains must, wherever possible, be given an even grade to the main sewer not less than 1/4 inch per foot.

§ 333-31. Stormwater connections prohibited; private stormwater drain inlet retrofitting.

- A. Definitions: For the purpose of this article, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this chapter clearly demonstrates a different meaning. When not inconsistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and

words used in the singular number include the plural number. The word "shall" is always mandatory and not merely directory.

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

A conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by Borough of South River or other public body, and is designed and used for collecting and conveying stormwater.

PERSON

Any individual, corporation, company, partnership, firm, association, or political subdivision of this state subject to municipal jurisdiction.

STORM DRAIN INLET

An opening in a storm drain used to collect stormwater runoff and includes, but, is not limited to a grate inlet, curb-opening inlet, slotted inlet, and combination inlet.

WATERS OF THE STATE

The ocean and its estuaries, all springs, streams and bodies of surface or ground water, whether natural or artificial, within the boundaries of the State of New Jersey or subject to its jurisdiction.

- B. Prohibited connections. No stormwater connections to the Borough sewer system will be allowed to any licensee, who may be subject to forfeiture of his license and penalties under his bond.
- C. Prohibited conduct. No person in control of private property (except a residential lot with one single-family house) shall authorize the repaving, repairing (excluding the repair of individual potholes), resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen), reconstructing or altering any surface that is in direct contact with an existing storm drain inlet on that property unless the storm drain inlet either:
 - (1) Already meets the design standard below to control passage of solid and floatable materials; or
 - (2) Is retrofitted or replaced to meet the standard in Subsection **D** below prior to the completion of the project.
- D. Design standard: Storm drain inlets identified in Subsection **A** above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this subsection, "solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or settleable solids. For exemptions to this standard see Subsection **D** below.
 - (1) Grates.
 - (a) Design engineers shall use either of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:
 - [1] The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996); or
 - [2] A different grate, if each individual clear space in that grate has an area of no more than seven square inches, or is no greater than 0.5 inch across the smallest dimension.
 - (b) Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground

surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors.

- (2) Whenever design engineers use a curb-opening inlet, the clear space in that curb opening (or each individual clear space, if the curb opening has two or more clear spaces) shall have an area of no more than seven square inches, or be no greater than two inches across the smallest dimension.
- (3) This standard does not apply:
 - (a) Where the municipal engineer agrees that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets that meet these standards;
 - (b) Where flows are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:
 - [1] A rectangular space 4 5/8 inches long and 1 1/2 inches wide (this option does not apply for outfall netting facilities); or
 - [2] A bar screen having a bar spacing of 0.5 inches.
 - (c) Where flows are conveyed through a trash rack that has parallel bars with one-inch spacing between the bars; or
 - (d) Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the New-Jersey-Register-listed historic property.
- E. Enforcement. This article shall be enforced by the Code Enforcement Officer of the Borough of South River.
- F. Violations and penalties. Any person(s) who is found to be in violation of the provisions of this article shall be subject to a fine not to exceed \$2,000, imprisonment for not more than 90 days or a period of community service not exceeding 90 days for each storm drain inlet that is not retrofitted to meet the design standard.
- G. When effective. This article shall be in full force and effect from and after its adoption and any publication as may be required by law.

§ 333-32. Fire service.

[Added 12-9-1982 by Ord. No. 1982-45; amended 2-24-1983 by Ord. No. 1983-4; 3-8-1988 by Ord. No. 1988-7; 1-24-2005 by Ord. No. 2005-1]

- A. Fire service. Quarterly charges shall be made for fire service lines as provided in Chapter **155**, Fees.
- B. Connection fees.
 - (1) Connection fees for such fire service lines shall be as set forth in Chapter **155**, Fees, or as modified pursuant to Subsection **B(2)**.
 - (2) The Borough Engineer shall, no later than September 1 of each calendar year, provide the governing body with a written recommendation as to the connection fees to be charged for fire service lines connected in the following calendar year. The governing body may, no later than November 15 of the same year, adopt, by resolution, a connection fee schedule for fire service

lines connected in the following calendar year. Within 10 days of passage of said resolution, the Borough Clerk shall publish same in a newspaper authorized by law to publish the Borough's legal notices and shall post said resolution at the offices of the Borough Clerk and the Utilities Department. Said fee schedule shall be effective on January 1 of the calendar year following its adoption and shall remain in effect until December 31 of the year in which a subsequent resolution fixing connection fees is adopted pursuant to this subsection.

- C. For the purpose of determining pipe size, measurement shall be made where the private line connects to the Borough system.
- D. All fire service lines and systems shall be installed with an appropriate water switch and alarm system which shall be activated to signal the Borough Police and/or Fire Departments or a private central station manned 24 hours a day, in order that the Borough shall be aware of water flow through said system. In addition, such waterflow alarm installations shall be constructed in accordance with the latest revisions of the National Fire Protection Association Standards 13, 70, 72A, 72B, 72C and 72D. Standards and details of the private fire service line installations from the Borough system to the sprinkler system supply header are on file with the Water Utilities Department of the Borough.
- E. A minimum quarterly charge will be charged for each fire hydrant installed on private property, as provided in Chapter **155**, Fees.

§ 333-33. Extension of water mains.

[Added 4-24-1947; amended 5-12-1949; 9-9-1954; 5-12-1960; 5-26-1960; 11-30-1970]

The following shall be the procedure for extensions of water mains within the Borough of South River:

A. Landowners.

- (1) With regard to landowners, other than developers and subdividers, on accepted and opened Borough streets, there will be no reimbursement for waterline installations. All water main extensions henceforth shall be made at the expense of the benefiting landowners.
- (2) Landowners on accepted and opened Borough streets shall install water mains voluntarily or may petition the Mayor and Borough Council to install same upon an assessment basis. Such installations shall be under the supervision of the Utilities Department and the Borough Engineer. Such mains shall extend the full frontage of such landowner's lot. In such cases, the Utilities Department will furnish, at its own expense, fire hydrants, valves, tees and/or crosses for installations at street intersections as may be needed for installation by said landowners by their contractors. Mains, valves and fittings shall be a minimum of eight inches in diameter; in those cases where the Board shall deem it advisable that larger mains be installed to provide for the present welfare and future development of the Borough, it shall direct that such mains be installed, and the additional material cost thereof shall be borne by the Board.

B. Developers and subdividers.

- (1) With regard to developers and subdividers of land, there will be no reimbursement for waterline extensions. Developers and subdividers of land shall install all water main extensions at their expense in land being developed or subdivided by them. This shall include all cast-iron mains, necessary Smith cuts, tees and crosses at street intersections, and such fire hydrants and valves as may be required by the Board; size, type and manufacture (where applicable) to be determined by the Board.
- (2) Mains, valves and fittings shall be a minimum of eight inches in diameter and shall be laid under the supervision and subject to the approval of the Utilities Department. In those cases where the Board shall deem it advisable that larger mains be installed to provide for the present welfare and future development of the Borough, it shall direct that such mains be installed, and the additional material cost thereof shall be borne by the Board.

§ 333-34. Water main installation specifications.

[Added 2-13-1964]

A. Material.

- (1) Pipe and fittings. Standardized mechanical joint cast-iron pipe and fittings for water shall meet the following: Class 200-200 pound pressure. Pipe shall be cast iron produced centrifugally in sand-lined molds. Each pipe shall be provided with a mechanical joint socket on one end, and the other end shall be plain. Pipe and fittings shall be cement-lined. Cement lining shall be in accordance with ASA A21.4-1953 (AWWA CL04-53).
[Amended 9-22-1966]
- (2) Gate valves. Standardized mechanical joint cast-iron gate valves for water shall meet the following: working pressure: 200 pounds cold water. Gate valves shall be American Waterworks Association approved, inside screw, nonrising stem, parallel seats, wedge pin mechanism as specified by the South River Utilities Department. Each gate valve installed shall be provided with a cast-iron adjustable valve box. ASA A21.11-1953 (AWWA C111-53).
- (3) Fire hydrants. Fire hydrants shall be as specified by the South River Utilities Department. Operating details and size of hydrant valve opening shall be as approved by the Utility Engineer of said Utilities Department. Hydrant inlet elbow shall be normally six-inch size flanged and drilled 125 pounds American cast-iron flange standard. Auxiliary gate valve shall be normally six-inch size flanged by mechanical joint ends as approved by said Utilities Department.

B. Installation.

- (1) Pipe and fittings.
 - (a) Depth of cover for pipe and fittings shall be four feet.
 - (b) Pipe shall be provided with a solid uniform bearing throughout the entire length. Selected backfill material shall be carefully rammed with proper tools around and over the pipe up to a cover of at least two feet.
 - (c) Pipe shall be laid in a manner to assure that all valve stems and valve boxes be set plumb.
 - (d) All pipes, valves and fittings shall be thoroughly cleaned before being lowered into the trench, or before joining, and shall be kept clean until final acceptance of work. The exposed ends of all uncompleted lines shall be closed with tight wooden plugs adequately secured at all times when pipe-laying is not in progress.
 - (e) Adequate means must be taken to prevent settlement, where required, blocking of sound yellow pine, two inches thick, 10 inches wide and 30 inches long with wedges of four inches by four inches yellow pine eight inches long shall be provided at such spacing as is necessary to prevent settlement.
- (2) Gate valves.
 - (a) Each valve shall be provided with a cast-iron adjustable valve box so installed that the cover is flush with the final finished road surface.
 - (b) Valve stems and valve boxes shall be set plumb. Valve boxes shall be centered and installed so that the valves can easily be operated from the street level by use of a proper valve wrench.
- (3) Fire hydrants.

- (a) Fire hydrants shall be installed complete with auxiliary (secondary) gate valve and adjustable cast-iron valve box. The hydrant, valve stem and valve box shall be set plumb. The valve box shall be centered and installed so that the auxiliary valve can easily be operated from the street level by use of a proper valve wrench. The cover of the valve box shall be one inch above the surrounding ground level.
 - (b) Before installing fire hydrants, all foreign matter shall be removed from the interior of the barrel.
 - (c) Hydrants shall be placed so that the center line of the hydrant is from two feet zero inches to two feet six inches back of the top of the face of the curb. Steamer hose nozzle shall face the street. Hydrant elbows shall be placed on a solid block or concrete slab foundation not less than four inches thick and 15 inches square. The back side of the hydrant opposite the pipe connection shall be firmly wedged against the vertical face of the trench to prevent the hydrant from blowing off the line. Bottom of the ditch and lower part of the hydrant barrel shall be surrounded with coarse gravel so that water released from the standpipe by the drain valve may escape quickly.
 - (d) Hydrants must be firmly supported underground all around the standpipe, since the proper working of the safety breakable section depends on the unyielding support of the ground standpipe. Solid ground support shall be at the ground level line mark on the hydrant barrel, resulting in center line of the hose and steamer nozzles being 16 inches to 18 inches above the ground level. The preceding requires thorough and careful compaction of backfill after correct positioning of the hydrant.
 - (e) When a hydrant is ready for service, it shall be opened and closed to see that all parts are in working condition. After closing a hydrant, the standpipe interior shall be inspected to make sure of proper draining.
- C. Pressure testing. A hydrostatic pressure test of 150 pounds per square inch shall be applied to each valved section for a minimum period of two hours. The line shall be thoroughly blown free of air. The pressure test shall be made preferably with backfill in place, except at pipe joints, so that any leaking joints may be made watertight before placing the final cover.
- D. Sterilization.
- (1) All pipelines for potable water supply shall be thoroughly flushed and chlorinated following the pressure testing.
 - (2) The chlorinating agent shall be applied at the beginning of the line adjacent to the source of supply for filling. The chlorine shall be introduced through a corporation cock or other approved connection to the newly laid pipe.
 - (3) The water from the source of supply shall be controlled to flow very slowly in the newly laid pipe during the application of the chlorine, which shall be applied in amounts such as will produce a dosage of at least 40 to 50 parts per million. In the event that the pipeline is already filled, the dose shall be increased to such concentration and shall be applied for a sufficient period to produce a residual of not less than five parts per million at all of the outlets of the line being chlorinated, including the ends.
 - (4) Treated water shall be retained in the pipe long enough to destroy all non-spore-containing bacteria. The period shall be at least three hours. After the chlorine-treated water has been retained for the time required, the chlorine residual at the pipe extremities and other intermediate points shall be at least five parts per million.
 - (5) Back pressure causing a reversal of flow from the section being chlorinated to the supply shall be prevented.
 - (6) In the process of chlorinating newly laid pipe, all valves and other pipeline accessories shall be operated while the pipe is filled with the chlorinating agent.

- (7) Following chlorination and after the entire length of line is ready for service, all treated water shall be flushed thoroughly from the newly laid pipeline at its extremities until the replacement water throughout its entire length will, upon test both chemical and bacteriological, be proved equal to the quality introduced at the permanent source of supply.
- (8) Should the initial treatment prove ineffective, the chlorination procedure shall be repeated until confirmed tests show that water from the newly laid pipeline conforms to the requirements as stated above.
- (9) A notarized statement with test results submitted by competent recognized firms proficient in this type of work that the requirements of pressure testing and sterilization as outlined above have been satisfied is required before acceptance by the Utilities Department of the Borough of South River, New Jersey.

§ 333-35. Air-conditioning units.

[Added 12-23-1965]

The following controls and regulations as relate to water-cooled nonrecirculating-type air conditioners be and the same are hereby adopted, the same becoming effective the date of the adoption of this section:

- A. Customers wishing to use the local potable water supply for nonrecirculating-type water-cooled air conditioners must first complete such application for a permit and file the same with the Utility Engineer.
- B. The Utility Engineer of the Utilities Department will review such plans and specifications for said equipment and inform the applicant of the requirements, limitations, controls and regulations affecting such equipment.
- C. If the nonrecirculating-type water-cooled air conditioner is three horsepower capacity or more, the Utility Engineer will require the installation of a suitable and approved method of recirculating the potable water used in cooling such type of equipment.
- D. The intent of the above is for the purpose of further conserving the potable water supply to the Borough of South River, New Jersey.

§ 333-36. Violations and penalties.

Violation of any provision of this article shall be punishable as provided in Chapter 1, Article I, General Penalty.

Article II. Water Emergency Restrictions

[Adopted 12-9-1963 (Ch. 200 of the 1977 Code)]

§ 333-37. Declaration of emergency authorized.

At such times as the Mayor, with the advice and consent of 2/3 of the Council, formally declares that, in the judgment of the Mayor and Council, an emergency exists requiring the taking of such measures for the conservation of water for domestic and sanitary purposes and fire protection as are hereinafter specified, this article shall become effective and remain effective until such time as the Mayor, with the advice and consent of the Borough Council, declares such emergency to have terminated.

§ 333-38. Proclamation of type of emergency.

Upon the making of such proclamation of emergency, the Mayor shall proclaim whether the emergency is of the type or character requiring the restricted use of water hereinafter set forth under Subsection A, or under Subsection B, whereupon the Borough Clerk shall forthwith give written notice of said proclamation, specifying its type and character, to the residents of the Borough:

- A. Proclamation A shall prohibit the use of water for the sprinkling of lawns, shrubbery and gardens and other related uses on certain days of the week and during certain hours of the day as specified in a resolution adopted by the Borough Council based upon recommendations made by the Utility Engineer, who shall be responsible for investigating all complaints regarding inadequate water supply.

[Amended 2-9-1977 by Ord. No. 1977-6]

- B. Proclamation B shall prohibit the use of water from the Borough of South River water system for the sprinkling of lawns, shrubbery and gardens until such proclamation shall be terminated. This proclamation shall be based upon the recommendations made by the Utility Engineer, who shall be responsible for investigating all complaints regarding inadequate water supply, and based upon results of the investigation made by him or employees of the Borough under his supervision.

[Amended 2-9-1977 by Ord. No. 1977-6]

§ 333-39. Notice of emergency.

Immediately following the issuing of any of the emergency proclamations hereinbefore provided, due notice shall be given to the users of the Borough of South River water system within 48 hours after the issuing of said proclamation. The provisions of this article shall become and remain effective until the date when the Mayor, with the advice and consent of at least 2/3 of the Council, shall proclaim and declare said emergency terminated.

§ 333-40. Violations and penalties.

[Amended 2-9-1977 by Ord. No. 1977-6]

During the continuance of the emergency, any person or persons, firm or corporation violating any of the restrictions imposed by the proclamation issued pursuant hereto shall, upon conviction thereof before the Judge of the Municipal Court, suffer the penalties provided in Chapter 1, Article I, General Penalty.