

Regulation 112

LOW-PRESSURE SERVICE

(a) **Nonresponsibility**

Notwithstanding any provisions of any other of these Regulations, the System shall not be obliged in any way to provide service to any property the highest elevation of which is less than one hundred (100) feet below the elevation of the normal System service outlet of the System storage tank, reservoir or similar storage facility from which service to said property would normally be provided.

(b) **Exception**

The System may, at its sole discretion, declare any property to which it has not obligation to provide service under paragraph a. of this Regulation to be a "Low-Pressure Service" for purposes of providing and/or maintaining a service connection.

(c) **Conditions of Low-Pressure Service**

The System may provide a service connection and water service to a Low-Pressure Service which satisfies in their entirety all the following conditions:

- (1) Applicant for the Low-Pressure Service enters into an agreement running with title to the affected property to accept service at such pressure as the System is able to provide, and releasing District and System from any liability deriving from degraded service as a result, either directly or indirectly, of said low pressure and from any and all responsibility or obligation to provide water service at normal pressure, and agreeing to maintain in suitable, functioning and operable condition and repair, without cost to the System, any necessary pumping, carriage and storage facilities required in or for the provision of said service.
- (2) The System determines the feasibility of serving the Low-Pressure Service from existing System facilities as would normally be used to provide service in the same general locale, taking into consideration the quantity and elevation of water storage facilities to which the service is or is to be connected, as well as the availability and transportability of water intended for the service.
- (3) The System determines that availability of water of normal pressure to the served property via standard gravity-type distribution system facilities is neither presently feasible for whatever reason, nor to become feasible within a reasonable period of time.
- (4) The applicant accepts the System's specifications of and requirements for any special pumping and storage facilities reasonably necessary in the System's sole judgment to provide said Low-Pressure Service to the applicant's service connection from existing facilities.

(d) **Installation**

All special equipment and installation provided for under subparagraph (4) of paragraph c. of this Regulation, as a condition of and prior to receiving service, shall be installed by the applicant without cost to the System and shall be installed on the applicant's property side of the System's meter or service connection, shall be to the System's satisfaction and specifications, and shall conform in all respects to all applicable Standard Drawings adopted for and by the System. The applicant shall present to the System documentary evidence provided by a licensed plumber, registered engineer, or recognized pump manufacturer that applicant's entire system complies with the System's requirements, both generally and specifically, and shall provide documentary evidence to the System's satisfaction that said system complies with performance standards provided for in paragraph g. and h. of this Regulation. Such evidence notwithstanding, the System reserves to itself final, complete and absolute right to inspect, test and approve, or withhold approval of, applicant's system.

(e) **Meter or Service Connection Location**

A meter or service connection serving a Low-Pressure Service must be at an elevation and location determined by the System and which in System's sole judgment will provide for the best possible supply of water to the service. The System reserves absolutely the right to specify the size of the service connection line.

(f) **Protection of System Facilities**

The design and manner of installing applicant's pump and related piping and equipment shall not be done so as to foreseeably harm, damage, degrade or interfere with normal operation and maintenance of any System facilities, and specifically must not create negative suction pressure in applicant's or System's piping and installations.

(g) **Pump**

Any pump installed, functioning, operating or required in conjunction with providing a service to a Low-Pressure Service shall meet the following minimum design and operational requirements and standards:

- (1) Be of centrifugal type;
- (2) Have rated capacity of not less than twelve (12) gallons per minute;
- (3) Be capable of maintaining a minimum pressure of twenty (20) pounds per square inch under normal maximum water usage conditions at the highest elevation to which a service outlet is or will foreseeably be provided.

(h) **Storage Tank**

Any storage tank or facility installed, functioning, operating or required in conjunction with providing service to a Low-Pressure Service shall meet the following minimum design and operational requirements and standards:

- (1) Have a nominal storage capacity of no less than one hundred and ten (110) gallons;
- (2) Have working pressure equal to the shutoff pressure of the Low-Pressure Service's pump;
- (3) Be equipped with an automatic air charging system;
- (4) Be equipped with a pressure relief valve set to relieve pressures in excess of stated safe design limits and have a release capacity equal to the Low-Pressure Service's maximum pumping rate;
- (5) Be equipped with a backflow protection device or check valve to prevent contamination of System water.

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Regulation 112: *Adopted, July 20, 1983 (Ord. 83-2)*
Paragraph (i), "New Service Connection Charge Rebate," added, April 20, 1997 (Ord. 9-87)
Paragraph (i), "New Service Connection Charge Rebate" deleted, February 26, 1996 (Ord. 42-96)