

**NORTH MARIN WATER DISTRICT**  
**REGULATION 1**  
**NEW SERVICE CONNECTIONS**

a. Application for Service and Processing

Application for service must be made to the District in writing on the District's form by the property owner or his/her authorized agent. Applications must be supported by data as required by the District, such as a map and/or legal description of the property to be served, a description or plan showing intended water fixtures, a plan showing lawn and garden areas and an estimate of amount of water to be used. The size of the meter and service connection will be determined by the District.

Applications requiring a single service having a meter size equal to or less than one and one-half inch will be processed in the order of the date the application is received provided all requirements of the District are met. All other applications will be processed in the order of the date the application is received provided the Applicant meets all District requirements within 30 days of said date. If District requirements are not met within said 30 days, the application shall be null and void and must be resubmitted to the District except that:

the General Manager may extend the 30-day period if failure to comply with District requirements is due to workload limits of the District.

Receiving an application shall in no way represent a commitment or agreement by the District to serve water. Said commitment will be made only at the time service actually commences or when the District executes a service extension agreement whichever shall first occur. In the case of a service extension agreement, the commitment of the District to supply water shall be limited to the number of connections to be installed pursuant thereto and in accordance with the terms thereof. Additional requirements for recycled water service are included in Regulation 18.

b. Conditions Precedent to Service

Water service will be provided subject to:

- (1) The existence of a main of adequate capacity and pressure abutting the property to be served, or the construction of adequate mains, pumps and storage facilities under the provisions of Part B of these Regulations;
- (2) The advance payment of the District's initial charge for service as provided in Regulation 1 c.; and
- (3) Compliance with the other applicable provisions of these regulations.

c. Initial Charges for Service

Prior to commencement of service the Applicant shall pay an initial charge for service which shall be the total of the meter charge, the service line charge, the reimbursement fund charge and the facilities reserve charge computed as set forth below. "Est." means the actual cost of the service line as estimated by the District; "d.u." means dwelling unit. The Reimbursement Fund Charge shall not apply to recycled water service. Applications for a single service connection having a meter size equal to or less than one and one-half-inch shall pay a meter charge and a service line charge as set forth below. Applications requiring more than one meter or requiring a meter size greater than one and one-half-inch shall pay a meter charge and a service line charge based on the actual cost of said meter and service line installation(s) incurred by the District.

The Facilities Reserve Charge shall depend on the type of use as shown herein. The charge shall be based on the District's estimate of the quantity of water that will be used on the average day of the maximum month expressed in "equivalent single family dwelling units" of 636 gallons each for Novato and 295 gallons each for West Marin. The District shall determine Facilities Reserve Charges for those consumers served prior to May 1, 1973 by its estimate of gallons per day of water use on the average day of the maximum month divided by 636 for Novato, or 295 for West Marin, over the first ten years of service or less as applicable. If at any time a consumer's use exceeds the estimate used in fixing the charge the District may require the consumer to pay an additional Facilities Reserve Charge at the rate then in effect for each equivalent single family d.u. of such excess.

(1) Novato Service Area

Meter Size	Meter Charge	Service Line Charge	Reimbursement Fund Charge
<u>Inches</u>	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>
5/8	\$60	\$3,500	\$ 420
1	120	3,500	1,055
1-1/2	300	3,500	1,540
2	Est.	Est.	3,140
3	Est.	Est.	4,680
4	Est.	Est.	7,310
6	Est.	Est.	14,360
8	Est.	Est.	31,250
10	Est.	Est.	41,610

	Effective 1/1/09	Effective 1/1/10
	Facilities Reserve Charge	Facilities Reserve Charge
Single family detached residences and duplexes (each d.u).....	\$18,600	\$28,600
Townhouses and condominiums (3 units or more) (each d.u).....	11,250	17,200
Mobile home (each d.u.) .....	6,800	10,000
Apartment houses - 5 units or more, (each d.u.) .....	7,150	11,200
Second (accessory) d.u. on a parcel in undivided ownership.....	7,150	11,200
d.u. with kitchen or kitchenette whose occupants receive regular meals from central kitchen/dining facility on site.....	4,850	7,600
d.u. without kitchen facilities and landscape .....	3,900	6,100
Non-residential uses and master metered residential uses with a history of water consumption: the District shall determine equivalent single family d.u.'s by its estimate of gallons per day of potential water use on the average day of the maximum month divided by 636 (each equivalent single family d.u.).....	18,600	28,600

Also see Regulation 29.

(2) West Marin Service Area – Effective January 1, 2009

<u>Meter Size (Inches)</u>	<u>Meter Charge</u> (1)	<u>Service Line Charge</u> (2)	<u>Reimbursement Fund Charge</u> (3)
5/8	\$60	\$3,500	\$1,950
1	120	3,500	4,950
1-1/2	300	3,500	7,200
2	Est.	Est.	14,700
3	Est.	Est.	21,900
4	Est.	Est.	34,200

	Effective 8/1/09	Effective 8/1/10
Single family detached residences and duplexes (each d.u.).....	\$16,150	\$22,800
Townhouses and condominiums (3 units or more) (each d.u.).....	9,700	13,700
Mobile home (each d.u.) .....	5,650	8,000
Apartment houses - 5 units or more, (each d.u.) .....	6,300	8,900
Second (accessory) d.u. on a parcel in undivided ownership.....	6,300	8,900
d.u. with kitchen or kitchenette whose occupants receive regular meals from central kitchen/dining facility on site.....	4,300	6,100
d.u. without kitchen facilities and landscape .....	3,450	4,900
Non-residential uses and master metered residential uses with a history of water consumption: the District shall determine equivalent single family d.u.'s by its estimate of gallons per day of potential water use on the average day of the maximum month divided by 295 (each equivalent single family d.u.) .....	16,150	22,800

Also see Regulation 29.

(3) Charge for Annexation - All Service Areas

In addition to the other charges specified, no property shall be annexed to an improvement district unless an annexation fee is paid. The annexation fee shall be equal to the total revenue from tax on land (not improvements) that the District would have received had the property to be annexed been within the improvement district from the date of its formation, plus an amount equal to the interest revenue the District would have received on said tax revenue.

(4) Single Service Connection Requests - Deposit Requirement for Water-Saving Devices and Restrictions

A \$500 deposit must be paid to the District before a single water service connection is provided to assure compliance with all Water-Saving Devices and Restrictions for New Development pursuant to Regulation 15.e and 17.e. Upon inspection that requirements for all Water-Saving Devices and Restrictions have been met, the \$500

deposit will be refunded to the applicant.

(5) Initial charges for Affordable Housing

Payment of Initial Charges for water service to Applicant projects that include housing units affordable to lower income households, as defined in Government code Section 65589.7(d)(1), may be deferred for affordable units only until such time as a certificate of occupancy is issued by the city or county and meters thereto are authorized to be set or a period of two years from the date of the Applicant's Water Service Agreement, whichever duration is less. Said deferred payment shall include interest calculated at the rate earned on the District investment portfolio over the deferral period as determined solely by the District.

d. (This section left intentionally blank)

e. Location of Service Connection

Service will be provided at a meter abutting a major frontage of the consumer's property at a point determined by the District. The consumer may indicate the point on his property where he desires the service.

f. Facilities Reserve Charge for Public Parks - All Service Areas

The Facilities Reserve Charge for public parks shall be the amount charged for a 5/8-inch meter serving a single dwelling unit irrespective of the actual size of the meter provided each and all of the following conditions are met:

- (1) The public park is owned by a public agency and is open and accessible to the public for active recreational uses. For the purposes of this regulation landscaped areas along roadways and surrounding public buildings and landscaped areas in privately owned recreational areas or in areas where use is limited to a select group, such as a homeowners association are not public parks. Golf courses, whether privately or publicly owned or any other enterprise which charges a use fee, are not public parks.
- (2) The public agency owning the park enters into a service agreement with the District providing:
  - (a) Water shall be used only during such off-peak hours as shall be therein specified by the District with the exception that water can be used during peak periods for special limited and unusual circumstances such as system testing, germination of newly seeded turf, major turf renovation projects, irrigation following fertilization or herbicide applications, irrigation required prior to aeration and minor hand irrigation required for plant establishment, and
  - (b) Water use shall be discontinued or reduced as directed by the District at any time it determines that a threatened water shortage exists and so notifies the consumer.
  - (c) Water applied to turf areas shall be applied through a well-designed irrigation system that contains the following features as demonstrated by design drawings and specifications:
    - (i) Use of sprinkler heads, sprinkler head components and/or control schedules which achieve precipitation rates which match the water absorption capacity of the sod/soil column.

- (ii) Sprinkler head spacing that is not greater than 50% of the diameter of the precipitation pattern thrown by the sprinkler head (i.e., head-to-head spacing) at the minimum delivery pressure available at the site based on field measurements or pressure data supplied by the District. This 50% diameter spacing requirement can be varied provided the requirements of Section 1(f)(2)(c)(ix) are met.
  - (iii) Sizing and layout of pipe laterals and selection and grouping of sprinkler heads and nozzles in a manner which assures that the pressure requirement of each sprinkler head is achieved.
  - (iv) Separation of valves such that valves serving turf sprinklers do not include sprinklers irrigating non-turf landscape which has a different water requirement.
  - (v) A valve in every head may be required by the District to control drain down and optimize distribution control.
  - (vi) Control of all turf valves by an automatic controller capable of programming each valve for the following variables:
    - (1) Irrigation days,
    - (2) Minimum of three independently scheduled start times per irrigation day
    - (3) Minutes of run time per start time cycle.
  - (vii) Controller shall contain a water budgeting feature which permits the same incremental percentage change in all run times (up or down) by changing the water budget setting, thus permitting easy irrigation scheduling as a function of changes in evapotranspiration demand.
  - (viii) Controller shall accommodate a rain shut-off feature which automatically shuts down irrigation when it is raining.
  - (ix) The irrigation distribution system shall be designed to achieve a lower quartile distribution uniformity of at least 80%. This distribution uniformity shall be verified after installation by field precipitation tests performed by a competent expert selected by the District and paid for by the applicant public agency. In the event said uniformity is not achieved, the applicant public agency shall make changes to the system until subsequent tests by said expert, and also paid for by the applicant agency, demonstrate achievement of said distribution uniformity. The lower-quartile uniformity coefficient, an approximation of overall irrigation system uniformity, shall be determined by sampling the precipitation pattern or "footprint" of the irrigation system with catch cans. The coefficient is determined by arraying the resulting data expressed as inches per catch can (or volume of water in can if cans are of uniform size) in descending order of magnitude, determining the mean of the lower one fourth of the catch-can data, and dividing it by the mean value for all of the cans.
- (d) In designing the irrigation system, the applicant agency shall conduct field tests to determine typical infiltration rates for the sub-turf soil. Design precipitation

rates shall, as near as practicable, be matched to or not exceed said infiltration rates

- (e) Consumer or consumer's operator of the turf irrigation system shall apply water pursuant to an irrigation schedule developed for the site and based on applied water advice made available by the District or said turf irrigation system shall be controlled by moisture sensing devices which are operated to achieve efficient irrigation.
- (f) In the case of recycled water service, exceptions to this section may be made or additional requirements imposed as determined by the District to assure optimum soil moisture conditions are maintained and slime growth in the private distribution system is minimized.

g. Land Use Approval Established

An application for service to unimproved land shall not be processed to completion by the District unless the Applicant presents to the District a document from the city or county entity having jurisdiction verifying that a:

- (1) Valid Building Permit has been issued; or
- (2) Preliminary Division of Land has been approved; or
- (3) Tentative Subdivision Map has been approved; or
- (4) Planned Unit Development Precise Development Plan has been approved; or
- (5) Conditional Use Permit has been approved.

The word unimproved as used herein means land on which no improvements exist or land which although improved to a degree is being further improved and said further improvement is the cause for augmented water service and requires one or more of the above listed land use approvals.

h. Wastewater Disposal Established

Water service will not be furnished to any building unless it is connected to a public sewer system or to a wastewater disposal system approved by all governmental entities having regulatory jurisdiction. This subsection shall not apply to service during construction or service provided under Regulation 5.

i. Initial Charges for Service to Residential Connections With Fire Fighting Equipment

Where a meter larger than is otherwise necessary for consumption needs is installed solely to provide capacity for private fire sprinklers, fire hydrants or other fire fighting equipment in residential connections, the Reimbursement Fund Charge shown in Column (3) of subsections c.(1) and c.(2) that shall apply shall be the corresponding charge for the next smaller size meter.

j. Landscape Plans

If the city or county requires an approvable landscape plan as part of its land use approval process said plan must be submitted to the District before an application shall be processed to completion.