



## Design Requirements – Tier 2

This document outlines the steps required to obtain water service from Sweetwater Authority (Authority). The Authority will not begin design review until the property owner or authorized agent (Applicant) signs this document and submits the initial items listed below.

### Initial Submittals to Begin Review

- Design Drawings: Drawings prepared per Authority standards in Adobe PDF format, to include a site plan with existing utilities and proposed water improvements (see attached sample), building, grading and or improvement plan showing proposed water improvements, and floor plans with plumbing fixtures. Authority standards are available at: <https://www.sweetwater.org>.
- Plumbing Fixture Count Table: The Authority-provided table (attached) needs to be completed and returned and must include existing and proposed plumbing fixtures.
- Fire Agency Letter: Documentation from the appropriate fire authority specifying hydrant requirements, fire flow (gpm and duration), and sprinkler requirements (if applicable).
- Two Thousand Five Hundred Dollar (\$2,500) Deposit: Initial deposit for plan review, site investigation, and application processing. This amount may be exceeded and an additional deposit will be required if the project account is depleted due to continued review or project scope changes. This deposit may be made via check by visiting our main office by appointment only (505 Garrett Avenue, Chula Vista, CA 91910), or by credit card using the following link: [Sweetwater Authority Developer Online Payment System](#).

### Requirements During Review

1. Design Review Comments: Responses to plan review comments must be submitted with revised drawings that address all noted items. Design review by the Authority may require revisions to the Applicant's building, engineering departments, or fire protection plans, and any such changes must be resubmitted to and approved by the Authority prior to lead jurisdiction approval.
2. Lead Jurisdictional Approved Plans: If plans have already been approved by the lead jurisdiction, the Authority may require revisions to ensure its requirements are incorporated. Any such amendments must be processed and approved through the lead jurisdiction. Once all comment items from the Authority's correspondences have been incorporated into a plan, the Applicant is requested to submit a copy of the plan for its verification and records.
  - Submit the building department-stamped and approved plan.



## Design Requirements – Tier 2

- Submit the engineering department-stamped and approved grading plan.
  - Submit the engineering department-stamped and approved improvement plan.
  - Submit jurisdictional fire district stamped and approved fire protection plan. (fire protection plan may be deferred)
3. After plans are approved, an estimate for inspection, hot tap, installation and permitting shall be prepared by the Authority. The estimate, as well as the required fees and charges, will be submitted to the Applicant/Applicant's Engineer. The deposit is an estimate only, and an additional deposit may be required as the project progresses.
4. Fees and Charges: The Authority will issue a list of applicable fees and charges for water service based on the following:

Authority Capacity Fees: (Based on Resolution 17-02 and 2021 Capacity Fee Study)

Category	Gallons per Day	% of Base (EDU)
All Customers (Base)	297	\$5,490 Base
Multi-Family	165	56% of Base (\$3,050)
Mobile Home	107	36% of Base (\$1,978)

Note: Multi-Family is based on zoning. Commercial and landscape water use shall be converted to EDU's based on estimated water use in gallons per day, which must be submitted to the Authority prior to any estimate being processed.

San Diego County Water Authority (SDCWA) Capacity Charges: (Based on meter size and current SDCWA Resolution)

5/8-inch meter	\$ 6,683
1-inch meter	\$ 10,693
1-1/2-inch meter	\$ 20,049
2-inch meter	\$ 34,751
> 2-inch meter	Per SDCWA

### Construction and Warranty Requirements

5. Contractor Qualifications: The Applicant shall submit a Contractor's Information and Experience Form to the Authority for approval. Please note, the Authority requires a contractor to have completed a minimum of three public irrigation/water distribution projects for a public water agency, within the last five years, that are equal or greater



## Design Requirements – Tier 2

value than the project proposed to be performed. Prevailing Rate of per diem wages are required.

6. Insurance: The Applicant shall submit certificates of insurance for the selected contractor for the Authority's review and approval.
7. Agreement: Sign the Agreement to Improve Development for Water Facilities, and comply with bonding and construction requirements.
8. Bonding: Submit the required Performance and Payment Bonds for 100% of the estimated construction cost.
9. One (1)-Year Warranty: Repair any failures within five (5) working days of received notice, or the Authority will perform repairs and bill the Applicant.
10. Emergency Repair: Provide two (2) responsible contacts for any emergency repairs.
11. Project Closeout: Upon completion of the project, a final billing or refund based on a final compilation of actual costs will be provided to the depositor.

### State Requirements

California SB-7: New multi-unit or mixed-use buildings must measure water use for each dwelling unit using individual meters or submeters that comply with California state codes.

CCCPH: A backflow preventer is required whenever a service connection presents a potential cross-connection hazard, including parcels with multiple laterals, sites with more than two units on one lateral, and all fire, combined-use, or irrigation laterals, as defined in the State Water Resources Control Board's Cross-Connection Control Policy Handbook.

### Disclaimer

The above items are intended as a general guide and may be updated periodically. Some items may not apply to this project, and additional requirements may arise based on site-specific conditions. While this list is designed to be comprehensive, the Authority may identify further needs during review, and staff will notify the Applicant as soon as possible if additional submittals or actions are required.



## Design Requirements – Tier 2

**The Applicant must sign and return this signature page to acknowledge awareness of the Authority's procedures. Once the signed document, initial submittals, and required deposit are received, the project will be placed in the queue for plan review.**

Receipt of the above is hereby acknowledged:

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Signature

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Name ( Owner Authorized Agent)

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Service Address

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A.P.N.

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Date