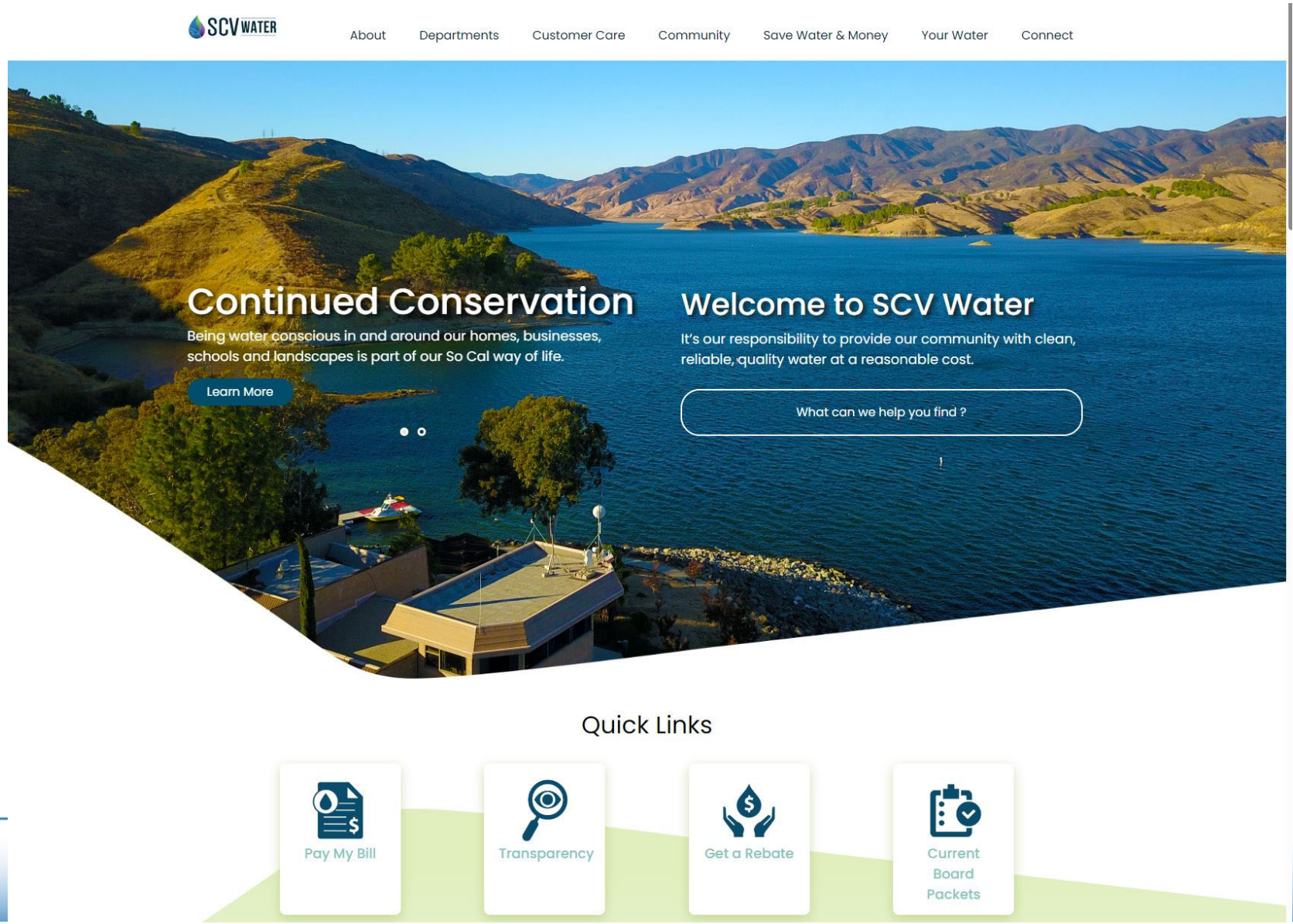
SCV WATER

September 6, 2023

Overview of Agency's Website Engineering Services

Engineering and Operations Committee Meeting


SCV WATER
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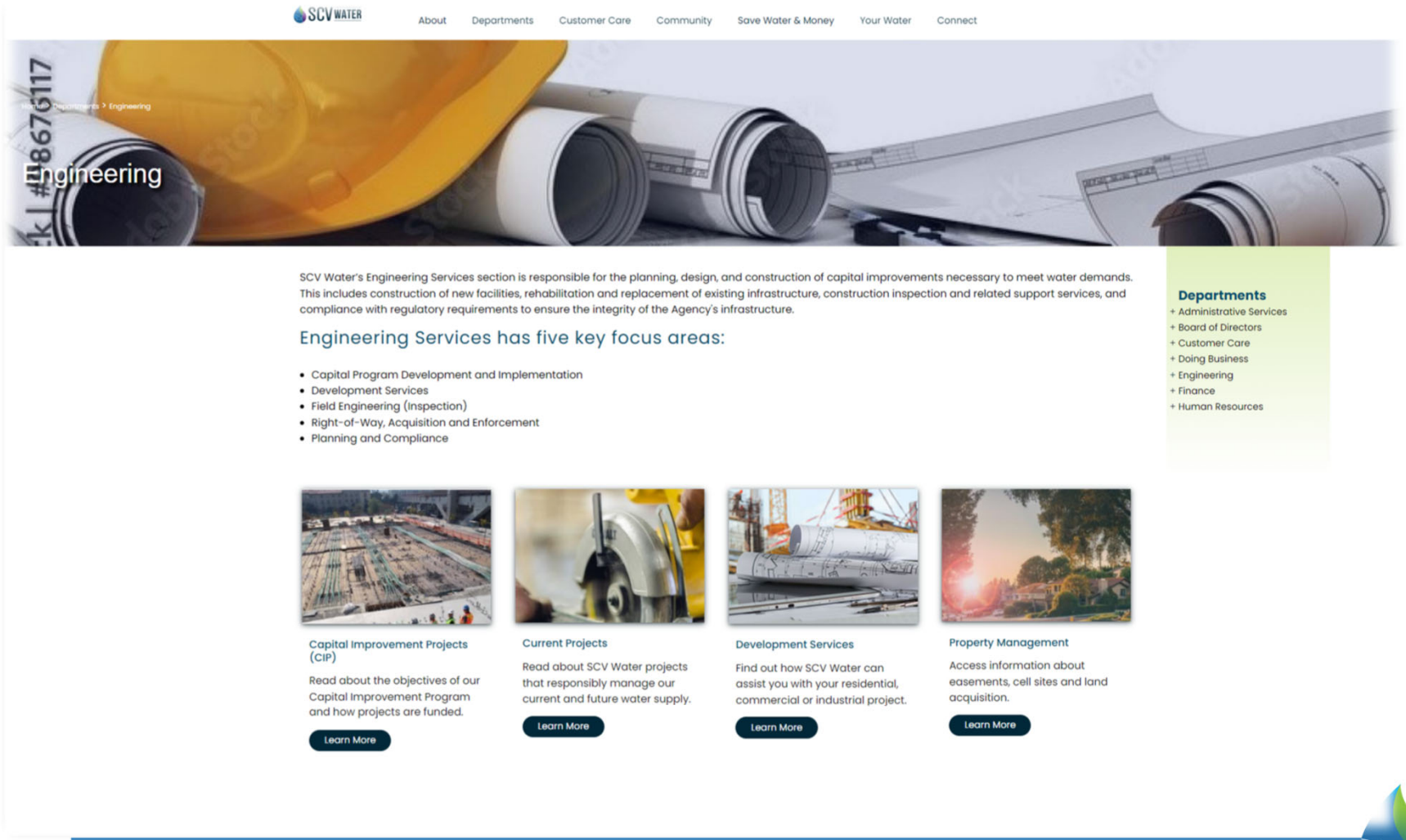
Save Water & Money
Your Water
Connect
Continued Conservation
Being water conscious in and around our homes, businesses, schools and landscapes is part of our So Cal way of life.
Learn More
Welcome to SCV Water
It's our responsibility to provide our community with clean, reliable, quality water at a reasonable cost.
What can we help you find ?
Quick Links
Pay My Bill
Transparency
Get a Rebate
Current Board Packets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Engineering
SCV Water's Engineering Services section is responsible for the planning, design, and construction of capital improvements necessary to meet water demands. This includes construction of new facilities, rehabilitation and replacement of existing infrastructure, construction inspection and related support services, and compliance with regulatory requirements to ensure the integrity of the Agency's infrastructure.
Engineering Services has five key focus areas:
Capital Program Development and Implementation
Development Services
Field Engineering (Inspection)
Right-of-Way, Acquisition and Enforcement
Planning and Compliance
Departments
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Capital Improvement Projects (CIP)
Read about the objectives of our Capital Improvement Program and how projects are funded.
Learn More
Current Projects
Read about SCV Water projects that responsibly manage our current and future water supply.
Learn More
Development Services
Find out how SCV Water can assist you with your residential, commercial or industrial project.
Learn More
Property Management
Access information about easements, cell sites and land acquisition.
Learn More

Overview

SCV Water's Capital Improvement Program (CIP) concentrates on the development of a long-range framework in which physical projects are planned and implemented within the Agency's financial capabilities. Capital Improvements include the purchase, construction, replacement, addition, or major repair of public facilities, infrastructure, and equipment.

Below is a list of our current Capital Improvement Projects:

Planning

- TBD

Design

- ESFP Standby Generator
- Catala Tanks 3 and 4 (construct FY 2022/23)
- Mountain View Tanks 1 and 2 (construct FY 2022/23)
- ESFP Two 5 MG Tanks Improvements (Tank # 1)
- Sand Canyon Pipeline Protection at Sierra Highway Bridge Widening
- Valencia Market Place Pipeline Replacement
- ESFP Washwater Sludge Collection Project
- Recycled Water Phase 2c
- Recycled Water Fill Station
- Santa Clara and Honby Wells Groundwater Treatment Improvements Project - Material Purchase
- Santa Clara and Honby Wells PFAS Groundwater Treatment Improvements Project - Site Construction

Construction

- Castaic Lateral Pipeline Inspection
- Commerce Center Pipeline
- Magic Mountain Pipeline - Phase 5
- Magic Mountain Pipeline - Phase 6A
- Magic Mountain Pipeline Phase 4
- Magic Mountain Pipeline Phase 6B
- FivePoint/Sam Hill - Tract 61105-17 (PW and RW) and Tract 61105-18 (PW)
- Installation of In-Tract Water System for Tract No. 73858, Lot 1 (Toll Brothers)
- Mission Village 61105 - 01a/C (PW/RW) Improvement Plan
- Mission Village 61105 - 01b/D (PW/RW) Improvement Plan
- Mission Village DS 542 Pipelines
- Mission Village Phase I Builder Areas - Dashed Blue Plan Improvements
- Mission Village Sky View Lane PW Connection
- Newhall Tank 1 and 1a Stairs
- Phase 2B Recycled Water Tanks at Cherry Willow Drive
- Pine Street Water Improvements at Needham Ranch

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SCV Water is undertaking multiple projects to effectively manage the water supply for our customers, ensuring they have access to reliable water resources today and tomorrow. Click on a topic below to learn more.

Capital Improvement Projects

Construction Projects

Investing in Our Water Supply

Delivering a clean, reliable supply of water to our customers takes years of thoughtful planning and ongoing development of new infrastructure, such as pipes and treatment facilities, as well as repairs and upgrades to our current water system.

We are committed to keeping our customers informed of current and upcoming projects. Regular updates on construction projects in the Santa Clarita Valley are posted here and also communicated through our e-newsletter, social media, fact sheets, signage at construction sites and local media.

Current Projects

- **Well 205 – Perchlorate & VOC On-Site Treatment Facility**
  Details Coming soon!
- **Valley Center Well – PFAS Treatment Facility**
  Details Coming soon!
- **Decoro Drive – Pipeline Replacement Project**
  Details Coming soon!
- **Cherry Willow Drive – Recycled Water Tanks**

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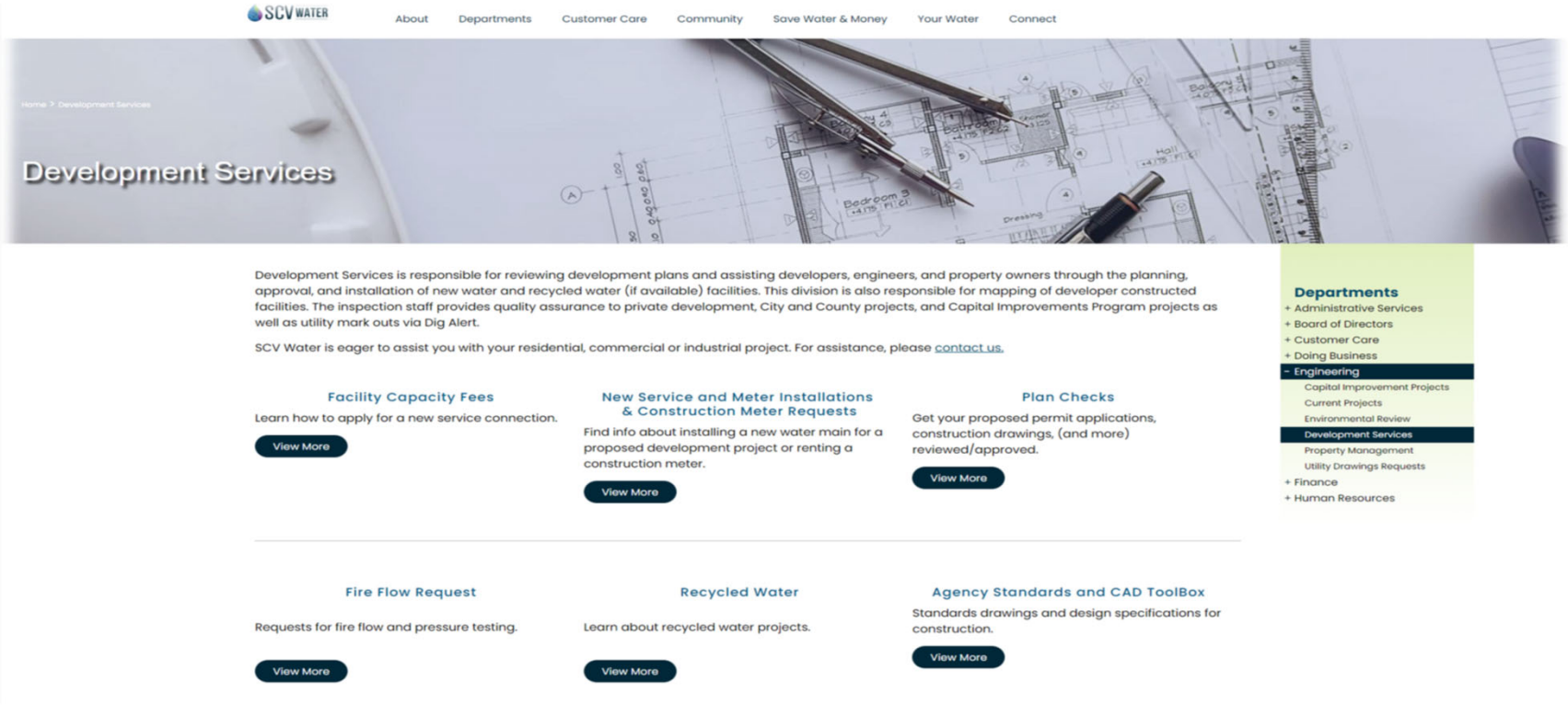

The following is a brief summary of typical categories our staff can assist you with. Please contact us for assistance.

- New domestic, landscape, or fire water service installations.
- Facility capacity fees.
- Backflow protection inquiries including approved devices.
- Relocation or abandonment of existing water services or facilities (fire hydrants, vaults, fire services, etc.).
- New water main installation for a proposed development project.
- Water pressure inquiries.
- Any other water-related questions.

Facility Capacity Fees

The basic economic philosophy behind facility capacity fees (FCFs) is that the costs of providing water service should be paid for by those that benefit from the service. To achieve this, new connectors will typically pay for a share of expanded and existing facilities based on the proportion of the facility that will serve new growth, providing equity with existing customers.

Current Facility Capacity Fees

Meter Size	Meter Ratio	WSA 1	WSA 2	WSA 3	WSA 4
5/8"	0.40	$4,191	$6,330	$3,507	$6,001
3/4"	0.60	$6,286	$9,497	$5,260	$9,001
1"	1.00	$10,475	$15,827	$8,767	$15,001
1-1/2"	2.00	$20,951	$31,652	$17,535	$30,001
2"	3.20	$33,522	$50,644	$28,055	$48,002
2-1/2"	4.60	$48,189	$72,800	$40,330	$69,004
3"	6.00	$62,584	$94,957	$52,605	$90,004
4"	10.00	$104,756	$158,262	$87,675	$150,008
6"	20.00	$209,513	$316,524	$175,348	$300,017
8"	32.00	$335,220	$506,438	$280,559	$480,026
10"	46.00	$481,880	$728,004	$403,303	$690,038
12"	86.00	$900,905	$1,361,052	$754,001	$1,290,073

- Regional/Distribution Facility Capacity Fees
- Plan Checks for FCF Process
- Obtaining a Clearance
- FCF New Development Guidelines

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Service Installations

More information coming soon.

New Meter Request Process

Before the meter installation and activation process can commence, the following prerequisites must be completed by the Developer:

- Facility Capacity Fees (FCF)
- Certificate of Compliance
- Materials & Labor SOW (funding)
- Project Tract Map recorded with L.A. County
- Project is installed, tested, and active
- Project Punchlist is complete
- Close-Out Documents
  As-Built & Record Drawings
  As-Built Survey Data
  Final Geotechnical/Compaction Report
  Easements (if applicable)

Download New Meter Request Process

Email newmeterrequest@scvwa.org for assistance.

Meter Installation Process

Developer
The Developer shall request a meter in Procore no earlier than when the building foundation is complete, and framing started. Meter box protection per Standard Drawing WP-146 is installed.

Inspection
An SCVWA Inspector will inspect the site for meter installation and confirm a pass or fail in Procore.
(within 5 business days of request)

Customer Service Field Ops
Field Operations will install the meter and tailpiece at the approved site and confirm completion in Procore. Service will remain locked.
(within 10 business days of inspection)

Customer Service
Customer Service will create a billing account for the newly installed meter and confirm completion in Procore.
(within 7 business days of installation)

Meter Activation Process

Developer
Developer connects to meter and requests meter inspection in Procore no earlier than when building stucco and any conflicting surface concrete is complete.

Inspection
An Inspector will re-inspect the site to ensure meter setting still adheres to SCVWA standards and confirms in Procore. If inspection passes, water service is turned on.
(within 5 business days of request)

Customer Service
Customer Service updates status of meter to "On" and confirms in Procore.
(within 7 business days of inspection)

Engineering
Close and distribute meter submittal.

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Construction Meter Requests

There are retail costs that may be due when requesting a construction water meter.

- To request a **flanged construction meter**, please complete the Flanged Construction Meter Application and submit it by email to constructionmeterflanged@scvwa.org.
- To request a **hydrant meter**, please contact Customer Care at ccare@scvwa.org or 661-294-0828.

NOTE: While Los Angeles County Water Works District #36 (LAWWD#36), which services the Val Verde and parts of the Castaic area, was not part of the merger, SCV Water will continue to supply imported water to LAWWD#36. New water connections and/or upsizing a meter within LAWWD#36 service area are still subject to SCV Water's Regional Facility Capacity Fees/Charges. If your new water connection is within LAWWD#36 service area you will need to contact them directly regarding their water connection/meter costs and fees.

SCV Water does not have an over-the-counter review of plans.

Any and all proposed water utility improvements to serve a property or development must be reviewed and approved by SCV Water. Proposed water utility plans should be submitted to the SCV Water email account at Plancheck@scvwa.org.

Please include the following project information:

- including project title
- address and/or tract/lot
- developer contact information
- engineer contact information

A plan check fee must be paid prior to SCV Water's plan review. A representative from SCV Water's Engineering Services Section will contact the developer within five (5) working days to discuss the project and determine the plan check fee and schedule for completing the plan review. Generally, SCV Water will endeavor to complete plan checks within four (4) weeks of receipt of the plan check deposit.

Coming soon ...

SCV Water is in the process of preparing detailed procedural guidelines to be posted to this website to provide developers and consultants with a guide to SCV Water's procedures and general design criteria for domestic water improvement plans.

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To request fire flow and pressure information, first contact the Los Angeles County Fire Department (LACFD) Fire Prevention Division for the necessary form(s):

- **Form 195**- Fire Flow Availability for Single Family Dwellings
- **Form 196** - Fire Flow Availability for other than Single Family Dwellings

For SCV Water's Fire Flow Request Process, click here.

To obtain fire flow results, please submit the appropriate LA County Fire Department Application (**Form 195** or **Form 196**) with Part I completely filled out and a site plan with your application identifying the requested area to fireflow@scvwa.org. Fire flow results will be emailed to you within 14 business days.

Resources

- Los Angeles County Fire Department (LACF) Fire Prevention Division
- Glossary of Terms
- Frequently Asked Questions

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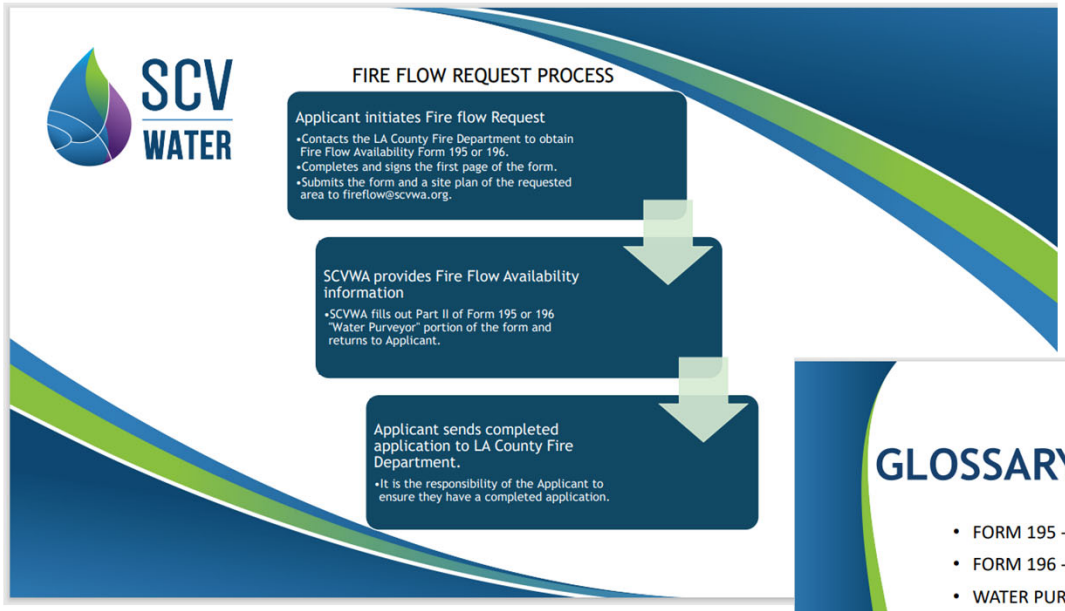
SCV Water's Fire Flow Request Process



GLOSSARY OF TERMS

- FORM 195 - Fire Flow Availability (For Single Family Dwellings (R-3))
- FORM 196 - Fire Flow Availability (For All Buildings Other Than Single Family Dwellings (R-3))
- WATER PURVEYOR – Santa Clarita Valley Water Agency (SCV Water)
- FIRE FLOW AVAILABLE – The maximum (theoretical) flow possible at the hydrant to maintain 20 PSI at all times in the distribution system.
- GPM – Gallons per minute (Unit assigned to Flow)
- PSI – Pound per square inch (Unit assigned to Pressure)
- SITE PLAN – Engineering/Architectural Plans of proposed building, site, development, commercial structure or existing (residential or commercial structure) or Google map/parcel map image of requested address with parcel/address identified.
- STATIC PRESSURE – the pressure at the individual hydrant before water is flowing.
- RESIDUAL PRESSURE - the pressure while water is flowing.

YOURSCVWATER.COM

Standard Drawings

- SCV Water Construction Manual – 2022

If you require an older version of the Standard Specifications, please call Customer Care at (661) 294-0828 and request to be transferred to the Inspection Counter.

SCV Water Specifications

- TBD

Draft Materials List

Coming soon!

CAD Toolbox

CAD Standards Manual (consultant follows standards for drawings)

- SCV Water CAD Standards Manual - August 2021

CAD Templates

- Information coming soon!

CTB Files

- Information coming soon!

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Property Interests

If your project requires any of the below from SCV Water, contact property@scvwa.org three (3) months prior to the start of your project with a project description, location (address, Los Angeles County Assessor Parcel Number) and title report to receive the submittal requirements. There may be an administrative fee associated with document updates.

- License
- Easement
- Quitclaim

Real Property

Sections IV.(D)(15) and (16) of the Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency regarding the General Manager's authority to dispose, transfer and accept interests in real property:

- SCV Water Board of Directors Policies and Procedures: Real Property

Click here to view the full Policies and Procedures for the Board of Directors of the Santa Clarita Valley Water Agency.

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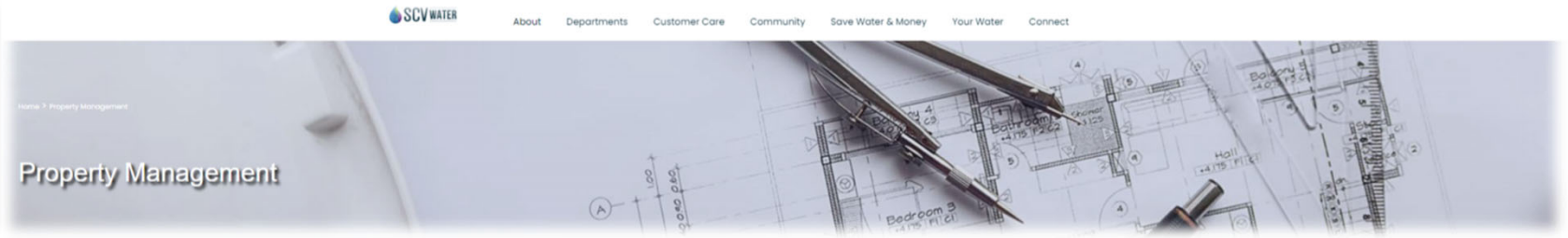

Cell sites

A cell site is a cellular-enabled mobile device site where antennas and electronic communications equipment are placed (typically on a radio mast, tower, or other raised structure) to create a cell, or adjacent cells, in a cellular network.

SCVWA currently allows the rental of tank site property for cell site locations which benefits both the community and the Agency. The cell sites provide the community access to different cellular networks as well as provide a revenue stream to the agency.

If you are a carrier or site manager requesting to modify an existing cell tower or a potential new location, a deposit agreement and fee is required. Contact property@scvwa.org to learn more.

Land Acquisition

In an effort to maintain and improve the necessary infrastructure to ensure the continued delivery of quality water to area homes and businesses, SCV Water works collaboratively with other agencies, and with private property owners when necessary. We are contacting you because you may own or lease a property located near a water facility or pipeline. As we look forward to making future improvements throughout the valley, there may be an opportunity to explore using a portion of your property as part of a project. The scope of projects vary greatly, as does the real property required. Some uses are temporary (during construction), while others are permanent, and some are simply easements while others might be a purchase in fee.

There are several financial benefits for property owners considering participation in projects.

Contact property@scvwa.org to learn more.

QUESTIONS