Santa Clara Valley Water District
NFIP/CRS Fictitious Community
Designation
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Santa Clara Valley Water District

- Who we are
- Role of District in flood protection
- Flood Protection – Remaining Risks and Challenges
- CRS Program
- Role of the District in CRS/Fictitious Community
- Examples - District CRS Activities
Who We Are

Cities/County District Serves

A Special District Providing
Environmental Stewardship
Water Supply
Flood Protection
to Santa Clara County.
Who We Are

SCVWD maintains or helps to maintain:

- 3 Water treatment plants
- 1 advanced water purification center
- 800 miles of streams (235 miles owned)
- 10 Dams and reservoirs
Role of the District in flood protection

- Flood protection projects
  - Past projects ($1B since 1980s) – removed ~100K parcels from floodplain
  - 17 Projects identified in CIP
- Stream maintenance
  - Preserving completed projects
  - Sediment removal
  - Invasive vegetation removal
  - Limited work on natural channels
  - Community clean ups
- Flood Awareness Campaign
- CRS participation
Role of the District in flood protection

Downtown Guadalupe River Flood Protection Project
Role of the District in flood protection

Invasive vegetation removal
Role of the District in flood protection

Stream cribwall repair
Flood Protection – Existing Risks

Area removed from plain since 1950’s

Current flood plain
~66K parcels remaining in floodplain

Climate change
  - Extreme weather patterns
  - Sea level rise & coastal flooding

Urban development
Flood Protection - Existing Challenges

- Many of ~66K parcels pay for flood insurance
- Costs of flood remediation are rising
- Flood insurance rates are increasing
Why the District Became a Fictitious Community

Community Rating System (CRS)
- FEMA Program to provide reduced flood insurance premiums
- Land Use Agencies may choose to participate

CRS Goals:
1. Reduce Flood Damages
2. Encourage people to buy insurance
3. Promote floodplain management
Work required to remain in CRS

- Conduct CRS Activities
- Document them
- Provide documentation to for annual recertification
- Participate in audit every 5 years.
Role of the District in CRS - Fictitious Community

- Many of District’s activities qualify for CRS Credits but District is not a land use agency.
- Cities should get credits for District’s work.
- Solution? Fictitious Community - a partnership.

Santa Clara Valley Water District

SC County CRS Communities

FEMA
Role of the District in CRS - Fictitious Community

- Fictitious Community Goals:
  1. Ensure that all qualifying District activities meet CRS criteria to maximize points
  2. Streamline documentation for all cities
  3. Continually update the list of qualifying activities

- Fictitious Community Work:
  - District supports a Shared Filing System
  - District hosts regular CRS stakeholder meetings
  - Assist Communities with annual submittals
### Role of the District in CRS - Activities

**Activity** | **Credit Received**
--- | ---
320 - Map Information Service | 90
330 - Outreach Projects (PPI credit Pending) | 66
340 - Hazard Disclosure | 15
350 - Flood Protection Information | 74
420 - Open Space Preservation | 238
430 - Higher Regulatory Standards | 104
440 - Flood Data Maintenance | 82
450 - Stormwater Management | 32
510 - Floodplain Management Planning | 15
520 - Acquisition and Relocation | 190
540 - Drainage System Maintenance | 255
630 - Dams | 30

**Classification Calculation:** 1191

**Community Classification:** Class = 8
Fictitious Community
Total Points: 1191

CRS Class: 8 = 10% discount
Role of District in CRS - Participation

15 Cities and County

10 CRS Communities

4 Class 8
5 Class 7
1 Class 6
Examples – District CRS Activities

Helping residents stay flood safe

The water district is the flood protection agency for Santa Clara County. In that capacity, we take the lead on informing the community about its risk and preparing for a case of flooding.

To find out your risk, the Federal Emergency Management Agency (FEMA) has a map that shows where its designated flood zones are. Look up your address on FEMA’s flood map service center at maps.fema.gov/wcmsc. If you do live in a flood zone, you’ll need flood insurance, and it takes about 30 days for the policy coverage to kick in. Call 1-888-377-4FEMA or go to www.fema.gov/national-flood-insurance-program to find a local agent. If you’re not in a FEMA-designated flood zone, you may still be at risk. Visit valleywater.org/WorkOn/FloodPrep-express to find areas historically prone to flooding.

If you live in an area prone to flooding, we encourage preparation. Have your emergency kit and family emergency plan ready, and sign up for emergency warnings through the county’s SwiftSCC app. Sign up for flood warnings with the Red Cross Flood app, which sends real-time flood warnings and watches from the National Weather Service. Download both apps from the Google Play store or the Apple App store.

If flooding is forecast for your area, sandbags can offer some protection. The water district and cities within the county manage a number of sites with free sand and bags. For a detailed list of locations and a guide to filling and using sandbags properly, visit valleywater.org/sandbags.

Checklist

9 THINGS YOU NEED TO KNOW TO BE FLOOD-READY

You live in a flood zone.
Are you flood ready?

Inside:
Preparation your home and family: What to do before, during and after
Staying informed: Report local flooding

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Spanish p. 8
Tiếng Việt p. 23
Santa Clara County CRS Users Group

Multi-Jurisdictional Program for Public Information Implemented in 2015

Santa Clara County Multi-Jurisdictional Program for Public Information 2015
Example – District CRS Activity

District Hosts Shared Electronic Filing System, Egnyte

By CRS Activity
- Palo Alto
  - 310 Elevation Certificates
  - 312 Elements
  - 320 Map Information Services
  - 330 Outreach Projects
  - 340 Hazard Disclosure
  - 350 Flood Protection Information
  - 360 Flood Protection Assistance
  - 370 Flood Insurance Promotion
  - 410 Flood Hazard Mapping
  - 420 Open Space Preservation
  - 430 Higher Regulatory Standards
  - 440 Flood Data Maintenance
  - 450 Stormwater Management
  - 500 Flood Damage Reduction Activities
  - 510 Floodplain Management Planning
  - 520 Acquisition and Relocation
  - 530 Flood Protection
  - 540 Drainage System Maintenance
  - 610 Flood Warning and Response
  - 620 Levees
  - 630 Dams
  - Adopted PPI
  - Annual Submittals (Recertifications, 5-Year)

By CRS Community
- Santa Clara Valley Water District
  - SC County CRS Users Group
    - Cupertino
    - Gilroy
    - Los Altos
    - Milpitas
    - Morgan Hill
    - Mountain View
    - Palo Alto
    - San Jose
    - Santa Clara (City of)
    - Santa Clara Valley Water District
    - Saratoga (Interested in Joining CRS)
    - Sunnyvale

By Element
- Palo Alto
  - 310 Elevation Certificates
  - 312 Elements
  - 320 Map Information Services
  - 330 Outreach Projects
  - 332 Elements
    - 332.a. Outreach Projects (OP)
    - 332.b. Flood Response Preparations (FRP)
    - 332.c. Program for Public Information (PPI)
    - 332.d. Stakeholder Delivery (STK)
## Role of District in CRS

### Santa Clara County Communities CRS Class Ratings

<table>
<thead>
<tr>
<th>Community</th>
<th>*Current CRS Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Santa Clara Valley Water</td>
<td>Class 8</td>
</tr>
<tr>
<td>Campbell, City of</td>
<td>Non-Participating</td>
</tr>
<tr>
<td>Cupertino, City of</td>
<td>Class 7</td>
</tr>
<tr>
<td>Gilroy, City of</td>
<td>Class 8</td>
</tr>
<tr>
<td>Los Altos Hills, Town of</td>
<td>Non-Participating</td>
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<tr>
<td>Los Altos, City of</td>
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<tr>
<td>Los Gatos, Town of</td>
<td>Non-Participating</td>
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<tr>
<td>Milpitas, City of</td>
<td>Class 7</td>
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<tr>
<td>Monte Sereno, City of</td>
<td>Non-Participating</td>
</tr>
<tr>
<td>Morgan Hill, City of</td>
<td>Class 7</td>
</tr>
<tr>
<td>Mountain View, City of</td>
<td>Class 8</td>
</tr>
<tr>
<td>Palo Alto, City of</td>
<td>Class 6</td>
</tr>
<tr>
<td>San Jose, City of</td>
<td>Class 7</td>
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<tr>
<td>Santa Clara County</td>
<td>Class 10</td>
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<tr>
<td>Santa Clara, City of</td>
<td>Class 8</td>
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<tr>
<td>Saratoga, City of</td>
<td>Non-Participating</td>
</tr>
<tr>
<td>Sunnyvale, City of</td>
<td>Class 7</td>
</tr>
</tbody>
</table>

* CRS Rating reflected was provided by community; results of cycle audits in progress are not shown in this table.