

# Ecology Action NGO Overview

## CAL-WEP Plenary - 2019





# Monterey Bay Green Gardener Certification Program





## Monterey Bay Green Gardener Certification Program



- Spanish-Bilingual
- Project-Based
- 575 Graduates in Monterey Bay Area
- Curriculum distributed statewide in 2007.  
Available at no-cost

Conserves Water • Harvests the Rain

• Builds Healthy Soil • Reduces Waste •

**MONTEREY BAY FRIENDLY**



• Saves Energy • Landscaped Locally •

**LANDSCAPE**

Protects our Watersheds and the Bay



# Landscape Retrofits with CA Conservation Corps

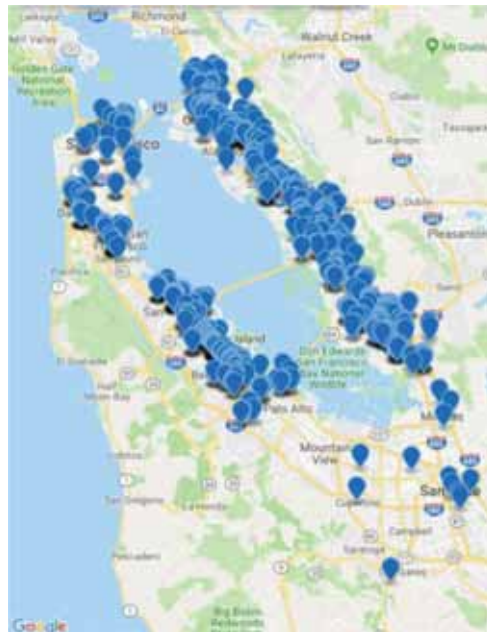
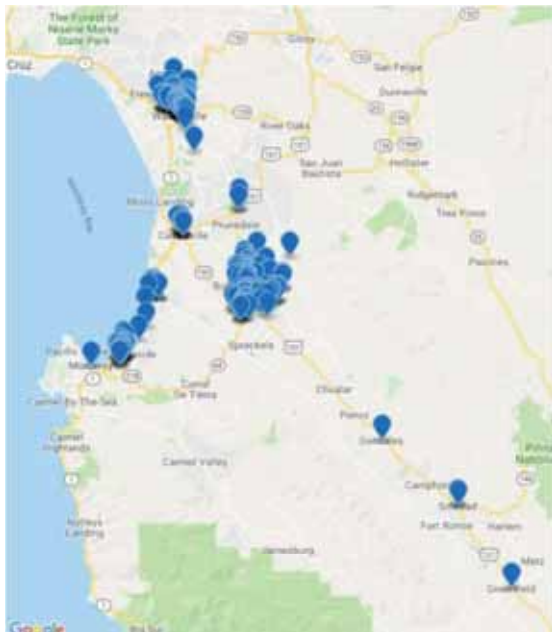




## Commercial Direct Installation



**4,358 PRSVs**  
**20,869 aerators**  
**53 dish machines**



**Total # of commercial kitchens served: 4,814**



## Residential Direct Installation



23,901 showerheads  
44,848 aerators  
512 clothes washers



Total # of homes served: 20,626



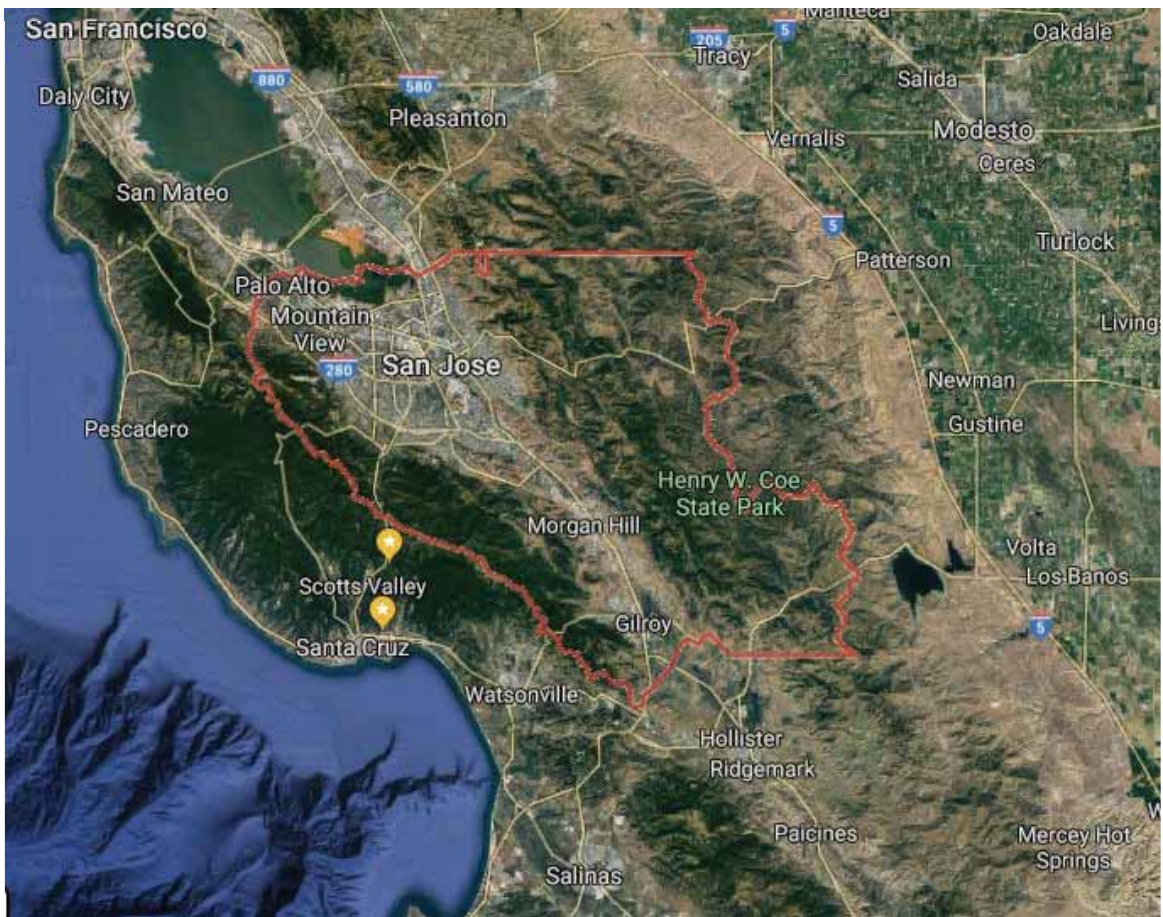
## Transforming Infrastructure with Dual Supply Plumbing



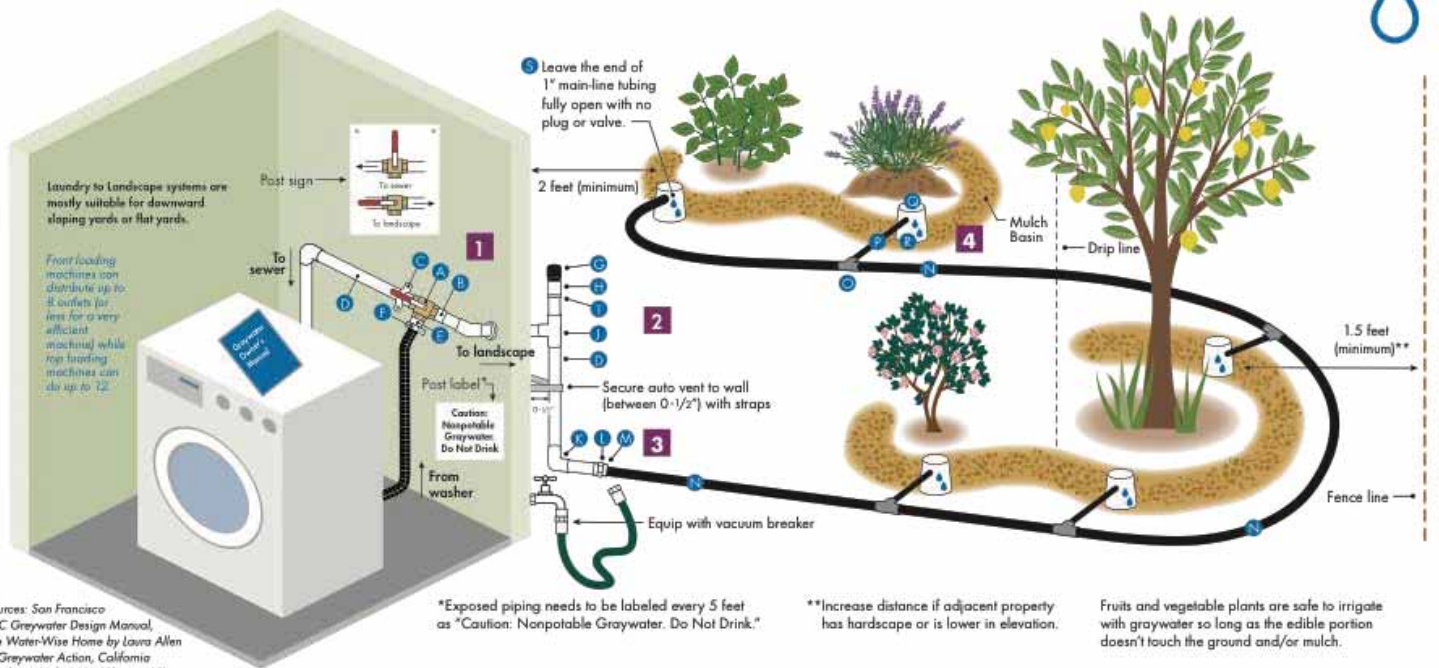




# Santa Clara County Greywater Direct Installation Program

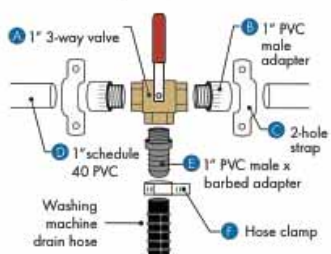


# Laundry to Landscape: Graywater System Example

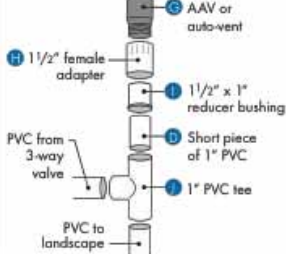


Sources: San Francisco PUC Greywater Design Manual, The Water-Wise Home by Laura Allen of Greywater Action, California Plumbing Code 2016 (Chapter 15)

## 1 Diverter (3-way) Valve

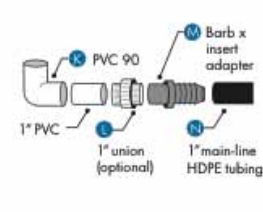


## 2 Auto Vent

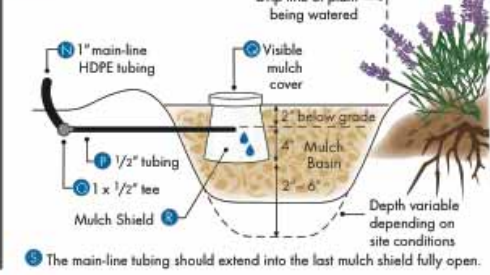


## 3 System Clean-out

This facilitates flushing clogs out of the landscape side of the system



## 4 Mulch Basin



This diagram is not drawn to scale and is provided for reference purposes only. It is your responsibility to properly design, install, maintain, and use your laundry to landscape graywater system (graywater system). If you are unsure of the intricacies of your plumbing system or how to properly design or install a graywater system, please consult with a professional. The District does not accept any liability and responsibility for any direct, special, indirect or consequential loss or damage whatsoever arising out of or in connection with providing you with access to this diagram.



# Clothes Washer Greywater System Direct Installation Program

🌱 **Funded 100% by Valley Water & Participant Cost-Share**

🌱 **Open to Qualifying  
Santa Clara County Residents:**

- ◆ **US Veterans**
- ◆ **Persons with a Disability**
- ◆ **Seniors (60+)**
- ◆ **Low-Income households**
  - ◆ 2-person household = \$83,150
  - ◆ 4-person household = \$103,900



[www.ecoact.org/greywaterprogram](http://www.ecoact.org/greywaterprogram)



# Direct Installation Options

## Cost-Share

- ◆ Participant pays contractor no more than \$500
- ◆ Contractor completes install

## Self-Installation

- ◆ Installation is FREE
- ◆ Contactor completes collection plumbing, delivers mulch and materials
- ◆ Participant completes mulch basins within 30 days

**For each option, Ecology Action pays participating contractors \$1,000.**





# DI Program Landing Page

[www.ecoact.org/greywaterprogram](http://www.ecoact.org/greywaterprogram)

You are eligible for a free or low-cost greywater system if:

- ✓ Your home is located in Santa Clara County.
- ✓ You are a senior citizen (60+), a United States veteran, or a person with a disability -OR- your household makes less than the income on this chart.

Persons in Family	Year Income Qualification							
	1	2	3	4	5	6	7	8
Annual Family Income Less Than	\$12,750	\$14,150	\$15,550	\$16,950	\$18,350	\$19,750	\$21,150	\$22,550

- ✓ You have several fruit trees and/or other thirsty plants in your garden that need regular summer water.
- ✓ You are committed to using laundry detergents and products that won't harm plants.
- ✓ You are the property owner -OR- You are a renter that commits to all above, and your landlord will agree to maintain the greywater system when you are no longer renting.

[I don't qualify but I want to learn more](#)

## See if you qualify.

Fill out the form and a member of our team will contact you.

**First Name\***

Type your first name

**Last Name\***

Type your last name

**Address\***

**City\***

**Zip Code\***

**Phone\***

Type your phone number

**Email\***

Type your email

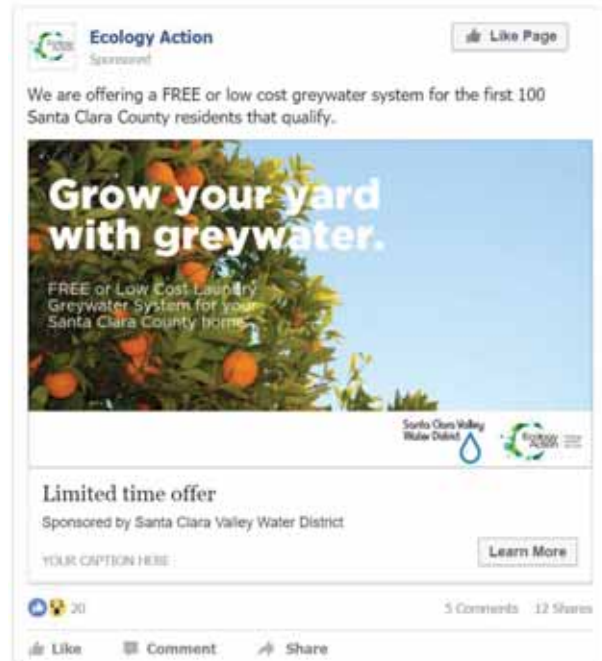
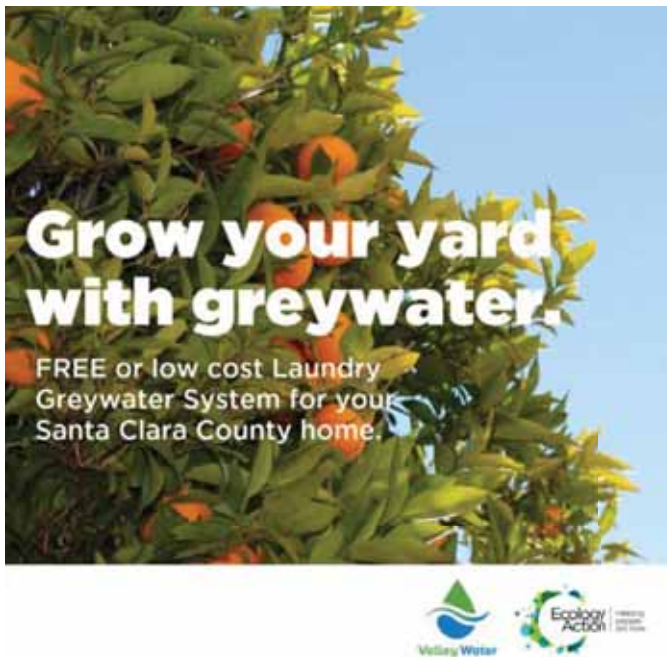
Submit

*Only offered from March to November 2019 and limited to 100 residents*



## Social Media

### Facebook, Instagram, Next-Door




**720 Interested Participants from May-November!**




# May-October 2019

## *Progress to Date*

 **266 Site Assessments**

 Goal = 300

 **64 Projects Completed**

 Goal = 100

**24% Site Assessment to Project Rate**

**459,694 Gallons of Water Conserved (1.4 AF)**

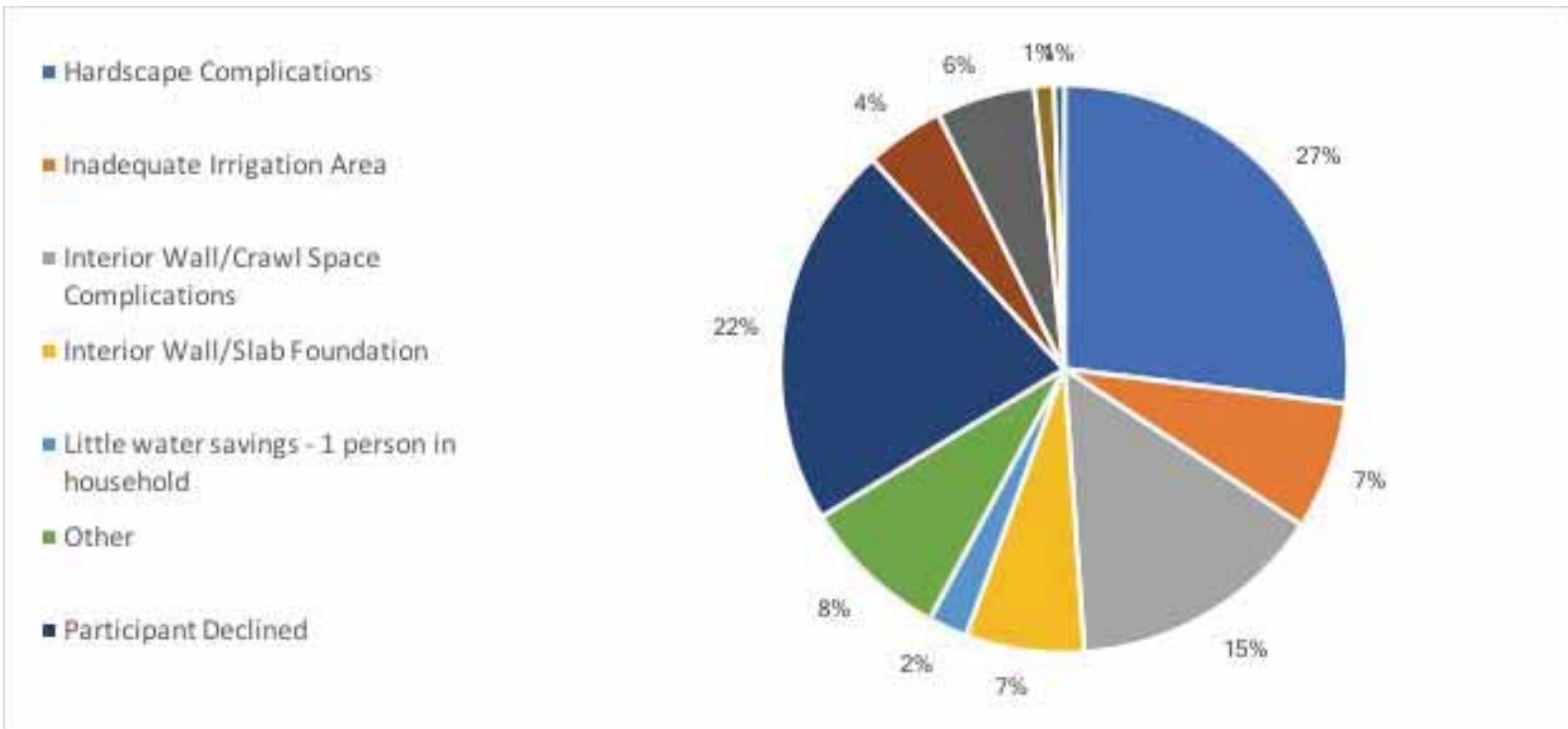




# Program Challenges

*Why doesn't everyone participate?*

## Many Reasons for Disqualification





A scenic view of a river flowing through a forested area with large rocks. The river is in the foreground, with white water rapids. The background is a dense forest of green trees. A blue banner is overlaid on the top of the image.

Thank you for your interest in Ecology Action's work!

**Sherry Lee Bryan:**  
**(831) 515-1314**  
**[sbryan@ecoact.org](mailto:sbryan@ecoact.org)**