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
MONTEREY BAY FRIENDLY

LANDSCAPE

Builds Healthy Soil • Reduces Waste
Conserves Water • Harvests the Rain
Saves Energy • Landscaped Locally
Protects our Watersheds and the Bay
Landscape Retrofits with CA Conservation Corps
Commercial Direct Installation

Total # of commercial kitchens served: 4,814

4,358 PRSVs
20,869 aerators
53 dish machines
Residential Direct Installation

Total # of homes served: 20,626

23,901 showerheads
44,848 aerators
512 clothes washers
Transforming Infrastructure with Dual Supply Plumbing
Santa Clara County
Greywater Direct Installation Program
Laundry to Landscape: Graywater System Example

Laundry to Landscape systems are generally suitable for downward sloping yards or flat yards.

1. **Divertor (3-way Valve)**
   - 1” 3-way valve
   - 1” schedule 40 PVC
   - Washing machine drain hose

2. **Auto Vent**
   - 1” PVC male x 3-way valve
   - 1/2” female adapter
   - Short piece of 1” PVC
   - 1” PVC tee
   - 1/2” x 1” reducer bushing
   - A/V or retainer

3. **System Clean-out**
   - 1” PVC tee
   - 1” union (optional)
   - 1” main-line HDPE tubing
   - Barb x insert adapter

4. **Mulch Basin**
   - 1” main-line HDPE tubing
   - Visible mulch cover
   - Mulch shield
   - Drip line of plant
   - Being watered
   - Mulch depth variable depending on site conditions

*Exposed piping needs to be labeled every 5 feet as "Consume Nonpotable Graywater. Do Not Drink."

**Increase distance if adjacent property has hardscape or is lower in elevation.

Fruits and vegetable plants are safe to irrigate with graywater so long as the edible portion doesn’t touch the ground and/or mulch.

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 or responsibility for any direct, 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
- Contractor completes collection plumbing, delivers mulch and materials
- Participant completes mulch basins within 30 days

For each option, Ecology Action pays participating contractors $1,000.
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+) or a United States veteran or a person with a disability - OR - your household makes less than the income on this chart.
- 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 tenant that commits to all above and your landlord agrees 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*
- Last Name*
- Address*
- City*
- Zip Code*
- Phone*
- Email*

Only offered from March to November 2019 and limited to 100 residents.
Social Media
Facebook, Instagram, Next-Door

Grow your yard with greywater.
FREE or low cost Laundry Greywater System for your Santa Clara County home.

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

Sherry Lee Bryan: (831) 515-1314 sbryan@ecoact.org