

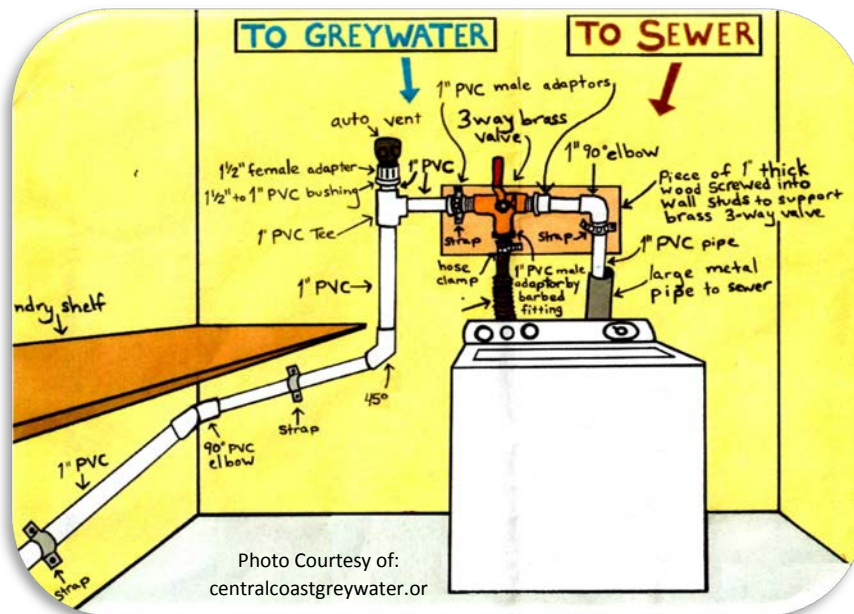
Graywater Workshop

Calling ALL Landscape and Plumbing Professionals!

Location: Southern Oregon University, Stevenson Union Room 319

Date: May 19, 2018 **Time:** 9:30 a.m. - 4 p.m. **Cost:** \$35/person

Interested in installing a graywater system for your customers? Join us to learn the basics about how these systems work!



Local experts will be on hand to:

- Demonstrate how systems are designed, installed and operated
- Display materials needed to build your own graywater system
- Discuss local and state building codes & permits

Part of the workshop will be held outside, so please wear appropriate clothing and closed-toe shoes.

- Workshop qualifies for CEUs.
- Lunch will be provided



RSVP to julie.smitherman@ashland.or.us or 541-552-2062 by May 11th 2018

Draft Graywater Workshop Schedule

9:30am Introductions

9:45am Overview of Graywater

- Graywater overview (all type of systems, general costs, pros/cons of each type) (Slideshow 45 min)
- Graywater scenarios (practice choosing systems based on site and client). (Activity 15 min.)
- Site assessments (Practice assessing sites for suitability of different types of greywater systems) (Activity 15 min)

11am Focus on Laundry-to-landscape Systems

- Laundry-to-landscape system parts and design (Video and slideshow 1hr)
- Materials match (15 min)
- Mock-up of system (15 min)

12pm Lunch

1pm Irrigation

- Designing a graywater irrigation system (10 min)
- Estimating plant water requirements (10 min)
- Estimating graywater flows (real life vs. code estimates) (10 min)

1:30pm Design Practice

- Small groups: Synthesizing info by creating a L2L system design. (In small groups they'll work on a design for a site and estimate flows, estimate PWR for the landscape and determine which plants to irrigate.) (45 min)

2:15 Break

2:30 Soils and Mulch Basins

- How to identify soil type using a soil ribbon test
- How do conduct an infiltration text
- How to determine appropriate sized mulch basins

3:00 Oregon DEQ Graywater Permit

- How to fill out a permit
- Activity- in small groups participants will “review” a permit application from the DEQs perspective.

4:00 Closing

- Answering final questions
- Participants give feedback on workshop and share how ready they feel about installing systems and what else they may need to be prepared

4:30 End of workshop
