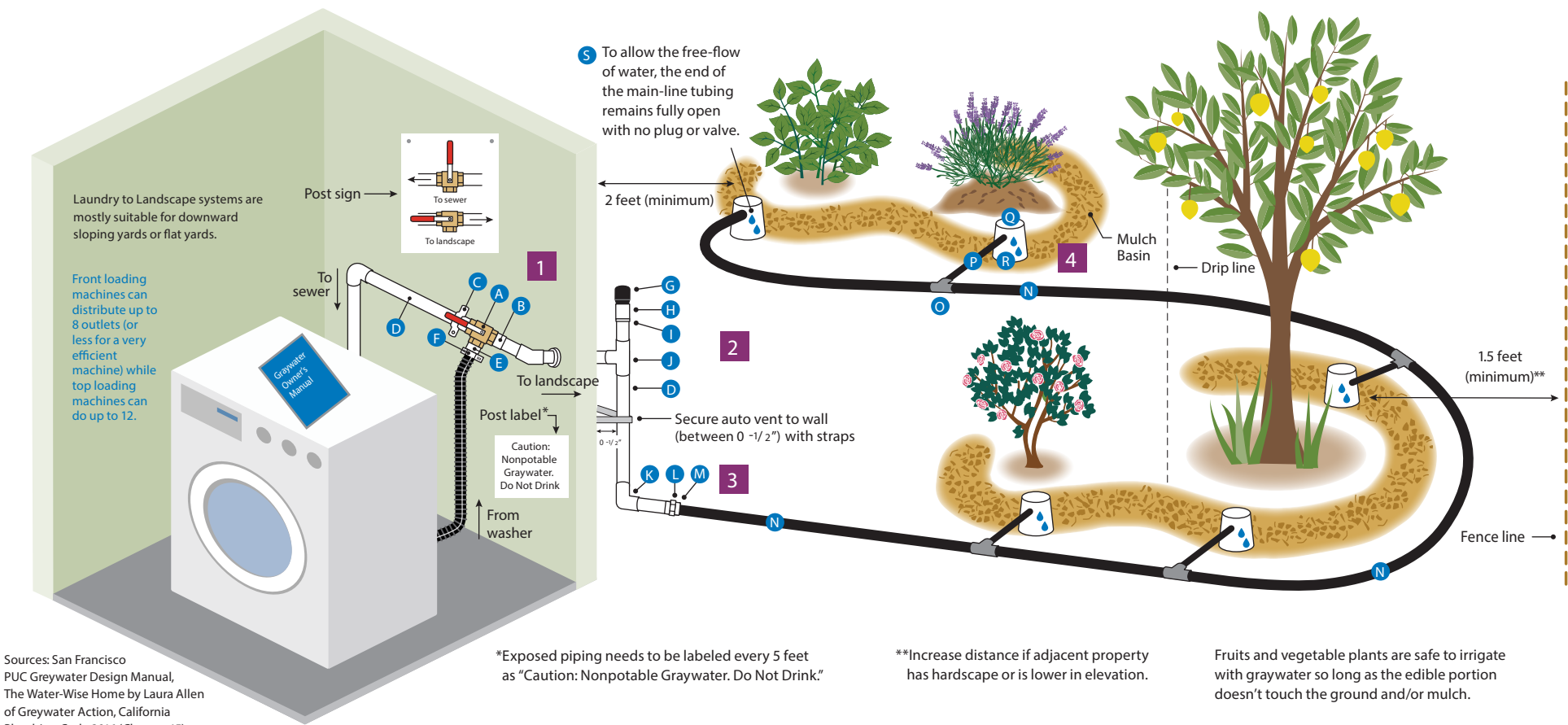
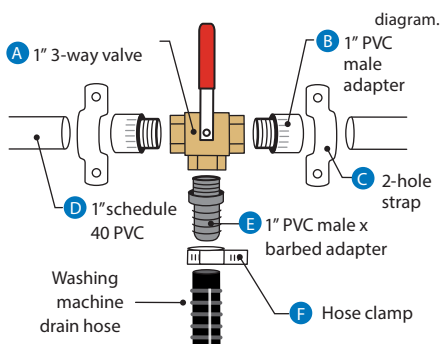


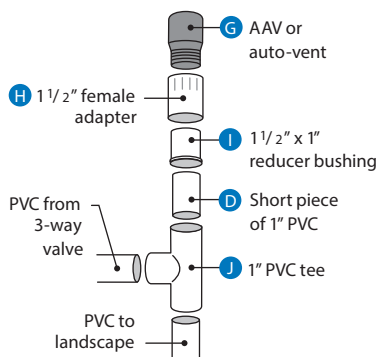
Laundry to Landscape: Graywater System Example



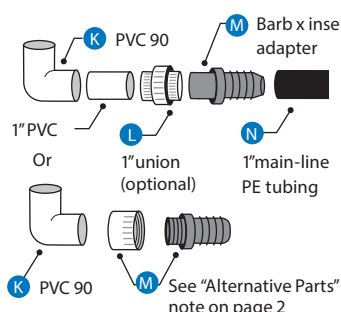
1 Diverter (3-way) Valve



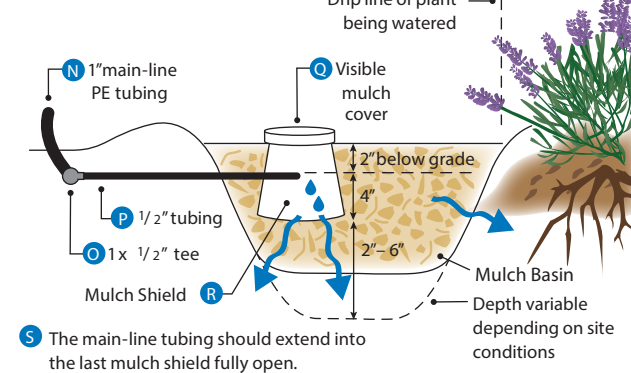
2 Auto Vent



3 Transition to 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. EBMUD and Valley Water do 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.

This diagram is courtesy of Valley Water.

Laundry to Landscape: Graywater System Example Parts List

To jump-start planning your graywater laundry to landscape project, this handout provides an example parts list and system diagram. To protect your property, neighbors, and the environment, you'll need to seek out additional information for proper system design. As each system varies based on the home and landscape, the final system you install may require fewer or more or slightly different components than depicted. This handout is provided for illustrative purposes only.

For more information, please contact EBMUD at 1-866-403-2683. Rebate for 3-way diverter available. Rebates are provided on a first-come, first-served basis and are not provided retroactively. For additional resources, please go to www.ebmud.com/watersmart

1 Diverter (3-Way) Valve

1" Brass 3-Way Valve
(Diverter Valve)
Avg. Qty: 1



Install in an accessible, visible location

1" PVC Male Adapter
(Slip x Male Pipe Thread)
Avg. Qty: 2



1- OR 2- Hole Straps
Avg. Qty: 2 or as needed



1" PVC Schedule 40
Avg. Qty: approx. 10-30'

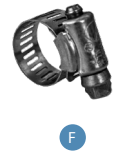


1" Barbed x 1" Male Pipe Thread
Avg. Qty: 1



Note: To connect to the diverter valve, smaller washer drain hoses may need a 3/4" Barbed x 3/4" Male Pipe Thread with a 1"x 3/4" PVC Threaded Bushing

1/2" x 1 1/4" Hose Clamp Stainless Steel
Avg. Qty: 1



2 Auto Vent

Auto Vent
(In-Line Vent or AAV)
Avg. Qty: 1



1 1/2" PVC Adapter
(Slip x Female Pipe Thread)
Avg. Qty: 1



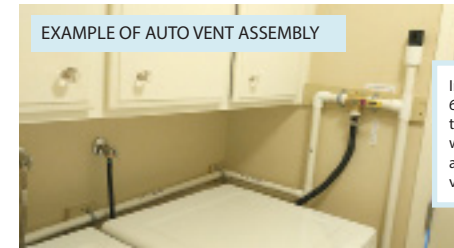
1 1/2" x 1" PVC Bushing
Avg. Qty: 1



1" PVC Tee
Avg. Qty: 1



EXAMPLE OF AUTO VENT ASSEMBLY



Install at least 6 inches above top of clothes washer in an accessible, visible location

3 Transition to the Landscape Side of the System

1" PVC 90 or 45
Avg. Qty: approx. 1-4



Vacuum Breaker
Avg. Qty: 1



1" PVC Union
Avg. Qty: 1 (optional)



1" Barb x Insert Adapter
Avg. Qty: 1



1" Female Adapter Slip-Thread Coupling and 1" Barbed x 1" Male Pipe Thread
Avg. Qty: 1 each



Note: Alternative parts instead of 1" Barb x Insert Adapter

1" main-line PE Tubing
Avg. Qty: approx. 5-100'



4 Mulch Basin: Graywater Outlets

1" x 1/2" Barbed Reducing Tee
Avg. Qty: 0-11



1/2" PE Tubing
Avg. Qty: approx. 0-20'



Note: Inner Diameter: 0.6" x Outer Diameter: 0.7

1/2" Barbed Full-Port Ball Valve
Avg. Qty: 0-4



Visible Mulch Cover
Avg. Qty: 1-12



Mulch Shield
(7" irrigation valve box)
Avg. Qty: 1-12



Wood Chip or Bark Mulch
(1/2"-3/4" chips)
Avg. Qty: project dependent



Note: Mulch can vary in appearance by color, texture, and source material

Additional Parts and Suggested Tools

1" PVC Coupling
Avg. Qty: As needed



1" Barbed Tee or Coupling
Avg. Qty: As needed



Garden Staples
Avg. Qty: As needed



Caulking
Avg. Qty: 1



PVC Industrial Grade Glue
Avg. Qty: 1/2 pint



Pipe Thread or Teflon Tape
Avg. Qty: 1 roll



PVC Cutter
Avg. Qty: 1



Channel Locks
Avg. Qty: 1

