

TABLE 6.1: SYSTEM SELECTION CHART

Legend:
 m = maybe 1 = most satisfactory
 y = yes 5 = least satisfactory
 Y = yes, very much so
 blank = no (or not applicable)

System Name	System provides for: C = greywater collecting D = greywater distributing R = greywater receiving	Overall score in optimum application	Renter's construction?	Can distribute upslope of greywater source?	Collection possible with fixture plumbing in slab? D only	Suitable for non-industrialized world? C only	Proven?	Possibly legal under CPC/UPC? (All are legal in AZ, NM, and TX)*	Ease of construction	Ease of use	
Simple, Easy Greywater Systems											
Landscape Direct	CDR	1	m		y	Y	y	m	1-5	1	
Drain to Mulch Basin/Drain Out Back	CDR	1	m			y	y		2	1	
Movable Drain	DR	2	m			m	y, evolving		2	3	
Branched Drain	DR	1				y	y, evolving	y	4	1	
Laundry Drum	CDR	2	y		y	y	y		2	3	
Drumless Laundry	CDR	2	y	3 ft/ 1 m	y	m	y, evolving		2	3	
Garden Hose through the Bathroom	CDR	3	y	m	y	y	y		1	5	
Dishpan Dump/Bucketing	CDR	1	y	y	y	y	y		1	5	
Mulch Basins	R	1	y			y	y	y	1	1	
Greywater Furrow Irrigation	CDR	1	y			Y	y		2	3	
More Complex Systems											
Drum with Effluent Pump	D	4	m	y			y, but mixed	y	3	4	
Mini-Leachfields	R	4					y, but mixed	y	3	3	
Subsoil Infiltration Galleys	R	1					y	y	4	2	
Solar Greywater Greenhouse	R	1		m			y, evolving	y	5	2	
Green Septic: Tank, Flow Splitters, and Infiltrators	CDR	2			y	m	New design	y	4	1	
Constructed Wetlands	D(R)	2			y	m	y, evolving	y	5	2	
Automated Sand Filtration to Subsurface Emitters	DR	1		y			y, for high end only	y	5	2	
Septic Tank to Subsurface Drip	CDR	2		y	y		y, evolving	y	5	2	

1 = easiest
5 = hardest

Comment	Greywater Sources				Cost range (for the functions that the system performs. Add \$200–1,000+ for collection plumbing if system is D or R only)	Requires electricity?	Adapted for freezing?	Suitable for large flows?	% Distribution efficiency (Drip = 80%) D only	Degree of filtration provided or required	Pages to read (b = Builder's GW Guide)
	Laundry, dishwasher	Tub, shower, bathroom sink	Kitchen sink	Toilet (blackwater) capable							
Good for earthy lifestyle		y			\$0–\$1,000+				20–40 ^a	None	54, b
Very simple, easy, reliable, cheap	y	y	y		\$5–\$10		y		10–40 ^a	None	55, 74
Simple, good temporary system	y	y	y		\$50–\$100		y		10–50	None	56
Simple, reliable; most recommended system	y	y	y		\$50–\$1,000+		m		30–60 ^a	None	74–100, b
Simple, very popular for laundry only	y	y			\$20–\$100		b		10–50	None to coarse	57
Simple way to water slightly uphill or on level	y	y			\$20–\$40	m	m		10–50	None	58–60
Good place to start		y			\$0				10–50	None to coarse	61
Good place to start	m	m	y		\$0				30–80	None	61, 105–106, 114–115
Receiving landscape for most simple systems	y	y	y		\$0		m		20–60	None	47–50
Very simple, easy, reliable, cheap	y	y	y		\$0				20–60	None	127–133
Simplest system for uphill irrigation	y	y	m		\$300–\$1,300	y			20–50	None	24, 62, 133–134
Only in here because it's in CPC/UPC—mulch basins better	y	y	m		\$200–\$500		m	m	30–50 ^a	Coarse to medium	63
Safe, requires batch dosing or Branched Drain	y	y	y	y	\$100–\$100		y	y	10–30 ^a	None to medium	64
Best system for cold climates; an asset to a cold climate home in many ways	y	y	y	m	\$100–\$300 +greenhouse		Y	y	10–70 ^a	None to fine	65–67
Very promising, unproven system	y	y	y	y	Septic tank +\$200–\$3,000		y	y	20–30 ^a	Fine (by settling)	67
Most common in wet climates, familiar to regulators, expensive	y	y	y	y	\$300–\$15,000			Y	10–50	Coarse to fine	68
Elaborate mechanics soothe health officials; proven safe for watering turf	y	y	y		\$2,000–\$6,000	Y		y	60–80	Very fine	69–70
Elaborate mechanics soothe health officials; proven safe for watering turf	y	y	y	y	\$5,000–\$30,000	Y	y	Y	10–50	Super fine	71–73

^aWater path cannot easily be changed

^bElectricity needed for washer pump