

Table 3-2. Stormwater Quality Control Measure Selection Matrix

✓ Required * Optional • Acceptable method NA Not applicable or allowed

Control Measure	Residential		Commercial/Industrial							Hillside Developments ≥ 25% slope	Parking lots (c) ≥ 5,000 sf or 25 spaces	Streets/Roads (d) (not Roseville) impervious area ≥ 5 ac
	Single Family Residential ≥ 10 units (Roseville) ≥ 20 ac (Sacramento)	Multi-family Residential gross area ≥ 1 ac	Commercial (b) impervious area ≥ 1 ac	Auto Repair Shops impervious area ≥ 1 ac	Retail Gasoline Outlets impervious area ≥ 1 ac	Restaurants impervious area ≥ 1 ac	Industrial (b) impervious area ≥ 1 ac	Hillside Developments ≥ 25% slope				
Source Control (b) (e)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Storm Drain Markings and Signs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Fueling Areas	NA	NA	✓	✓	✓	✓	✓	✓	✓	NA	NA	
Loading Areas	NA	NA	✓	✓	✓	✓	✓	✓	✓	NA	NA	
Outdoor Storage Areas	NA	NA	✓	✓	✓	✓	✓	✓	✓	NA	NA	
Outdoor Work Areas	NA	NA	✓	✓	✓	✓	✓	✓	✓	NA	NA	
Vehicle/Equipment Wash Areas	NA	✓	✓	✓	✓	✓	✓	✓	✓	NA	NA	
Waste Management Areas	NA	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	
Runoff Reduction (f)	* *	*	*	*	*	*	*	*	*	*	*	
Porous Pavement	(g) (g)	•	•	NA	NA	•	•	•	•	•	(g)	
Disconnected Pavement	• •	•	•	•	•	•	•	•	•	•	•	
Alternative Driveways	• •	•	NA	NA	NA	NA	NA	•	•	NA	NA	
Disconnected Roof Drains	• •	•	•	•	•	•	•	•	•	NA	NA	
Interceptor Trees	• •	•	•	•	•	•	•	•	•	•	•	
Green Roof	NA NA	•	•	•	•	•	•	•	•	NA	NA	
Treatment Control (g) (h)	✓ ✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Constructed Wetland Basin	• •	•	•	NA	NA	•	•	NA	•	•	•	
Detention Basin	• •	•	•	•	•	•	•	•	•	•	•	
Infiltration Basin	• •	•	•	NA	NA	•	•	NA	•	•	•	
Infiltration Trench	• •	•	•	NA	NA	•	•	NA	•	•	•	
Sand Filter (Austin Sand Filter)	• •	•	•	•	•	•	•	•	•	•	•	
Stormwater Planter (Flow-through)	• •	•	•	•	•	•	•	•	•	•	•	
Stormwater Planter (Infiltration)	• •	•	•	NA	NA	•	•	•	•	•	•	
Vegetated Swale	• •	•	•	•	•	•	•	•	•	•	•	
Vegetated Filter Strip	• •	•	•	NA	NA	•	•	•	•	•	•	
Proprietary Devices (i)	• •	•	•	•	•	•	•	•	•	•	•	

- (a) Refer to Table 1-2 for more information on how each project category is generally defined and check with the local zoning code for the specific definition in a given jurisdiction.
- (b) In Roseville, source control only required for commercial and industrial projects of 100,000 SF or greater.
- (c) Only applies to stand-alone parking lots exposed to rainfall. Parking lots associated with buildings/facilities need to meet requirements of associated land use (commercial, industrial, etc.)
- (d) Public road capital projects and expansions that are not a part of new residential, commercial and industrial developments.
- (e) Storm drain markings required for all projects. Other source controls required for all projects with applicable site activities. Choice of source control for hillside development depends on type of land use (commercial, residential, etc.)
- (f) Some agencies may require runoff reduction for the particular project; check with permitting agency.
- (g) Consult local permitting agency to determine acceptability for use in public right-of-way.
- (h) Alternative treatment controls may be proposed; subject to review and approval of local permitting agency. The need for treatment may be reduced through runoff reduction measures; see Appendix D. If the project drains to an adequately sized/designated regional treatment facility (e.g., detention basin), additional on-site treatment controls may not be needed.
- (i) See discussion in Chapter 6 of this manual and www.sacramentostormwater.org for list of acceptable devices.