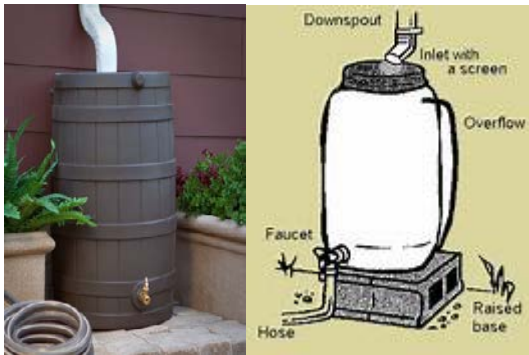


- ✓ **Cistern/Rain Barrel**-Store stormwater for use in irrigation or grey water systems.



Rain Barrel Installation and Schematic Installation

- 4.) **Amended Soils**-Amend soil with at least 30% compost to 18 inch depth in all areas allotted for landscape requirements:

Other soil mixes are allowed in close proximity to structures where a geotechnical engineer determines that a soil containing 30% compost could compromise structural stability. Compost mix shall comply with the Model Biofiltration Soil Media Specifications in SWDS Appendix D.

Use this brochure in conjunction with the 2013 Salinas Stormwater Development Standards (SWDS) for sizing PCBMPs and additional details

Consult table 1, page 23 of the Salinas SWDS for infiltration PCBMP separation and setback standards or your geotechnical (soils) engineer.

For more information about SWDS compliance or additional pamphlets, call:

(831) 758-7251

City of Salinas

Permit Center- Engineering Division

To Report a Spill, Illegal Dumping or a Clogged Storm Drain Call:

(831) 758-7233

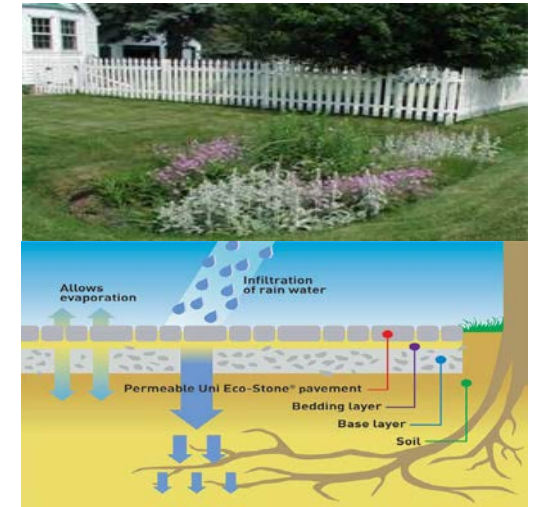
City of Salinas

Department of Public Works Maintenance Division

This is one in a series of pamphlets describing storm water Permit compliance measures. Available pamphlets concerning stormwater protection Best Management Practices include:

- Automotive Maintenance & Car Care
- Equipment Rentals
- Food Service Industry
- Fresh Concrete & Mortar Application
- General Construction & Site Supervision
- Heavy Equipment & Earthmoving Activities
- Home Repair & Remodeling
- Mobile Washers and Cleaners
- Painting
- Roadwork & Paving
- Swimming Pool, Jacuzzi & Fountain Maintenance
- Landscaping, Gardening & Pest Control

Salinas Stormwater Development Standards (SWDS) Compliance: Single Family Residential Lots



A Salinas SWDS Guide for:

- Home Owners
- A/E/C Professionals
- Developers



City of Salinas
Permit Center

65 West Alisal St., Suite 101

Salinas, California 93901

(831) 758-7251

Per SWDS Section 2.2, all new and redevelopment projects are required at a minimum to:

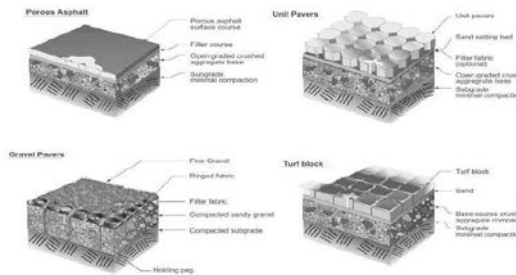
- ✓ Minimize non-porous hard (impervious) surfaces, directly connected impervious surfaces (i.e. roof drains to the street gutter) and treat stormwater runoff by incorporating Post-Construction Best Management Practices (PCBMPs) to collect, detain and infiltrate runoff into the ground.
- ✓ Design efficient landscaping to reduce landscape water runoff, irrigation runoff and promote water soaking into the ground (infiltration).

Per SWDS Section 2.2.1, all residential projects creating or replacing 2,000 square feet and above of impervious surfaces must comply with the above and:

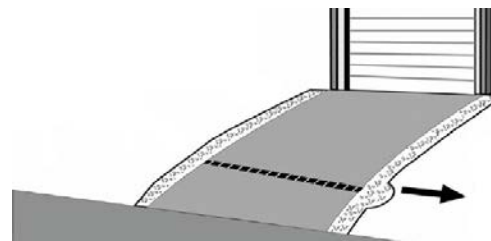
- ✓ Limit disturbance of creek and other natural drainage features and maintain a 100 foot setback therefrom unless approved by the City.
- ✓ Minimize compaction of soils that will infiltrate runoff (permeable soils).
- ✓ Limit disturbance of native vegetation.
- ✓ Stencil/mark all storm drains with appropriate warnings on site and in the street (see City Standard Plan No. 20).
- ✓ Minimize the need for irrigation and pesticides through proper landscape design (see Salinas brochure titled “Landscaping, Gardening & Pest Control”).
- ✓ Provide appropriate covers, drain connections to the sanitary sewer system (MRWPCA approval required) and storage precautions for outdoor material storage including garbage and recycling (see City Standard Plan Nos. 57A, 57B and SW-28).
- ✓ Prevent brominated/chlorinated pool/spa water from entering the storm drain (connect to sanitary sewer system-MRWPCA approval required or de-brominate/de-chlorinate prior to disposal).

Per SWDS Section 2.2.2, all residential projects creating or replacing 2,000 to 4,999 square feet of impervious surfaces must comply with the above and include at least two of the following:

- 1.) Provide one of the following driveway designs:
 - ✓ Permeable/pervious concrete or asphalt, pervious pavers, turf block, pavers with gaps and underlying permeable materials, gravel, crushed rock or similar pervious/permeable surfaces (see City Standard Plan SW-11 for Permeable Pavement-see your local material supplier for other suitable options).
 - ✓ Slope impervious surfaces toward permeable and/or landscaped areas at no more than 2 square feet of impervious area maximum draining in a spread out/non-concentrated manner towards 1 square foot of permeable/landscaped area.



Permeable/Pervious Pavements



Slotted Drain/Drain to Landscaping



Hollywood/Ribbon Driveway-Slope to Landscaping

2.) Landscape Feature(s) Design:

- ✓ At least 50% of the hardscape (hard surfaces-e.g. patio, walkways) not associated with the driveway or roof shall be permeable surfaces-i.e. wood deck with spaces between boards and ground underneath, open (non-grouted) pavers/stone on rock/sand (not grout or concrete), or similar treatment.



Open Stone Paving On/Draining to Permeable Areas



Permeable Pavers on Permeable Material

3.) Downspout Routing-each roof downspout shall be directed into (one of the following):

- ✓ Rain Garden/Planter Box-Provide retention and treatment of stormwater.

