



Monterey County Water Resources Agency Drainage Plan Guidelines

The Monterey County Water Resources Agency requires as a condition of subdivision, planned-unit development, and other permit approvals, the community to require that all land disturbances larger than 1 acre ensure that the post-development stormwater discharge from the site not exceed the amount of runoff under pre-development conditions. Post-development discharge shall be control to pre-development conditions by installation of engineered stormwater detention facilities. The following shall be prepared by a registered civil engineer prior to deeming a project application complete and/or approval of associated construction permits:

- Calculations certifying the detention facility volume is adequate to store the difference between the 100-year post-development runoff rate and the 10-year pre-development runoff rate, while limiting the discharge to the 10-year pre-development rate.
- Calculations certifying the outlet pipe has been sized to limit detention facility discharge to the 10-year pre-development rate.
- Calculations certifying the reinforced outlet or spillway is capable of discharging the 100-year post-development runoff rate.
- Calculations certifying the catch basins receiving runoff from paved parking areas have adequate capacity to accept post-development runoff resulting from a 10-year storm.
- A drainage plan showing the size and location of all drainage facilities including catch basins, storm drain lines, French drain lines, detention facilities/basin, basin fencing, basin spillway, all basin inlet and outlet pipes, and the basin stand pipe. The drainage plan shall show the direction and percent slope of all paved parking areas.
- Construction details for the facilities/basin including:
 - Cross-sections showing embankment elevations, as well as, inlet and outlet pipe elevations.
 - Anti-seep collars for the outlet pipe.
 - Cross-sections of the reinforced spillway.
 - A stand pipe with concrete base and trash rack.
 - Fencing.
- Catch basin details including oil separators.