General Requirements
A. Developers or builders with sites with over one acre of new or improved impervious surface, or significant redevelopment projects affecting more the 50% of the site, are required to file a "Notice of Intent" with the RWQCB, prepare a SWPPP, provide stormwater control measures and to enter into a Maintenance Agreement (See City Engineer for more specific requirements).

B. Sites with and less than one acre but more than 10,000 square feet of new or improved impervious surface are required to provide pollutant source control measures in their project.

C. The types of measures may be any combination of one or more items from the “Model List of Source Control Measures.”

D. Refer to the publication untitled “Start at the Source”, published by the Bay Area Stormwater Management Agencies Association for further information.

E. Designers are encouraged to use pervious or porous pavements to reduce the affects of contaminant run-off.

F. Use construction Best Management Practices (BMP) with best technology available as appropriate to control runoff during construction. (See “Blueprint for a Clean Bay”)

Design Criteria
A. Storm drainage systems shall be designed to control the amount of runoff from the site in accordance with the following criteria:

- Use the Rational Formula Q = CiA
- The rainfall intensity is shown on the IDF curve. (Attachment “G” of Design Criteria)
- Pre-Development Discharge is set at 10-year storm level.
- Post-Development Discharge must be equal or less than Pre-Development Discharge.
- Detain from between 10-year and 30-year storm level using pipe system and/or surface ponding based on the City’s Synthetic Unit Hydrograph model (see Attachment “O”).
- If possible, contain the 100-year storm flow on-site with combined use of parking lot and piping system; allow for overland release to a City street.

B. Provide for treatment of the rainfall equivalent to 0.2 in/hr intensity.

C. See Sample Calculations.

Additional Data
A. Complete the “NPDES Permit Compliance Checklist.”

B. Complete the “Operations and Maintenance Information” form.

C. Provide signed statement accepting responsibility for Operation and Maintenance for the Control Measures.

D. Approval of San Mateo County Mosquito Abatement District (http://www.mosquitoes.org)