

Exhibit A

General Guideline on Stormwater Management Designs

1. To estimate runoff volume, use the formula in the Section: Peak Rate and Volume of Discharge in the Chapter 2 of Engineering Field Manual for Conservation Practices by NRCS (updated 2/85). A copy of the Manual is attached. More recent updates of the Manual will be acceptable by the City, if available.
2. To calculate the peak flow rate for pipe or channel sizing, use rational method (Standard Handbook of Environmental Engineering, by Robert A. Corbitt. It is also available in any civil engineering text book) and/or TR-55 (a free software available from EPA website).
3. There are many new and innovative stormwater management practices normally called Best Management Practices (BMP) which are readily accessible from EPA website. City will accept any BMP that has been proven to be effective.
4. A special computer program has been developed by City of Clovis Public Works Department to assist the developers to speed up the related calculations. The Stormwater Management Calculation Guide is attached to help the program usage.