

## **Chapter 3 - OVERVIEW OF EROSION, SEDIMENT, AND STORMWATER CONTROL PRACTICES (BMPs)**

### **DETENTION BASIN**

A detention basin is an impoundment or excavated basin for the short term detention of stormwater runoff from a completed development area. The structure is designed so that release rates are comparable to pre-development flow rates.

The purpose of a detention basin is to intercept stormwater runoff, provide temporary storage, and control the release of stormwater to downstream areas.



Detention basin is strategically located near the outlet of a project site to detain runoff reducing downstream peak flows.