

Appendix 14A-1 Definitions and Abbreviations

Definitions:

CBR Tests	The California Bearing Ratio (CBR) test consists of measuring the relative load required to cause a standard (3 square inches) plunger to penetrate a water-saturated soil specimen at a specific depth. (Lindeburg reference noted in the reference section)
Detention Basins	A basin or reservoir incorporated into the watershed whereby runoff is temporarily stored, thus attenuating the peak of the runoff hydrograph. A stormwater management facility that impounds runoff and temporarily impounds runoff and discharges it through a hydraulic outlet structure to a downstream conveyance structure.
Retention Basins	A basin or reservoir wherein water is stored for regulating a flood. It does not have an uncontrolled outlet. The stored water is disposed by such means as infiltration, injection (or dry) wells, or by release to the downstream drainage system after the storm event. The release may be through a gate-controlled gravity system or by pumping.

Abbreviations:

AASHTO	American Association of State Highway and Transportation Officials
DCR	Department of Conservation and Recreation
VDOT	Virginia Department of Transportation
VSWCB	Virginia Soil and Water Conservation Board*

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