

ENGINEER'S CERTIFICATION STATEMENT

This site meets the City of Greer's criteria for sediment trapping efficiency, water quality, release rate, storage volume and discharge velocity found in the Construction and Post-construction sections of Ordinance 28-2007. The findings are summarized in the table below. The calculations provided on the subsequent pages of this text are provided to support these findings.

TRAPPING EFFICIENCY

Drainage Area	Acreage	Trapping Efficiency

WATER QUALITY

Drainage Area	Acreage	Amount Detained and Released Over 24 Hours

RELEASE RATE

Storm Event	Existing (cfs)	Developed (cfs)
2 yr.		
10 yr.		
25 yr.		
100 yr.		

STORAGE VOLUME

Storm Event	Detention Volume
10 yr. –	

DISCHARGE VELOCITY

Discharge Structure	Exit Velocity, (prior to energy dissipater)

Name: _____

Seal: