$$RRV = \frac{1.37}{12} [0.95I + 0.25P + 0.00N] * PT\%$$

## WHERE

RRY - Retention Volume (cf)

137 - Water Quality Storm Event (in)

0.95 = Runoff coefficient for impervious cover

Area of impervious cover and SMP in project (sf)

0.25 = Runoff coefficient for pervious cover

P = Area of pervious cover in project (not including any preserved natural areas) (sf)

n nn = Runoff coefficient for natural area

N = Area of preserved natural area (sf)

PT% = Modifier based on project type:

Project Type	
New Development	
Redevelopment	
Roadway Improvements	