

Attachment 1

Peaking Factor

$$\text{Peak factor} = 3.33 \times 24(\text{hours}) / \text{run-off period}(\text{hours})$$

$$\text{Peak daily design flow}(\text{gpd}) = \text{Peak factor} \times \text{average daily flow}$$

Entity	Run-Off Period
Municipality	24 hours
Factories	Length of work day
Subdivisions \geq 250 homes	24 hours
Subdivisions $<$ 250 homes	16 hours
Hospitals, Nursing and Rest	
Homes	16 hours
Camps	16 hours
Public Schools	8 hours
Restaurants	8 to 12 hours
Boarding Schools	16 hours
Mobile Home Parks	16 hours
Apartments	16 hours
Motels/Hotels	16 hours