

Attachment 1

Peaking Factor

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

Peak daily design flow(gpd) = Peak factor x 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