

ATTACHMENT L

SEWAGE GENERATION PROJECTION WORKSHEET

JOB TITLE _____
JOB NUMBER _____
JOB LOCATION _____

CAL. BY _____
CHKD. BY _____
DATE _____

ATTACHMENT Q MUST BE COMPLETE BEFORE PROCEEDING
SEWER GENERATION IS BASED ON 95% OF INDOOR WATER DEMAND PROJECTION

Key: GPD_W = GPD Water Demand Projected from Attachment Q
 GPD_S = GPD Sewer Demand Projected

A. RESIDENTIAL

_____ $GPD_W \times 0.95 =$ _____ GPD_S

B. OFFICE/COMMERCIAL

_____ $GPD_W \times 0.95 =$ _____ GPD_S

C. HOTEL

_____ $GPD_W \times 0.95 =$ _____ GPD_S

D. RESTAURANTS

_____ $GPD_W \times 0.95 =$ _____ GPD_S

E. ALL OTHERS TO BE REVIEWED ON A CASE BY CASE BASIS

= _____ GPD_S

F. INFILTRATION

1. PVC pipe: _____ miles \times 100 GPD \times _____ diameter (in.) = _____ GPD_S

2. Clay pipe: _____ miles \times 500 GPD \times _____ diameter (in.) = _____ GPD_S

G. AVERAGE DAILY FLOW = _____ GPD (SUM OF A - F)

H. PEAK HOURLY FLOW* FOR PUMPING STATIONS

1. Peak Business Hr. Flow = $[(B+C+E)/12 \text{ hrs} + (F/24 \text{ hrs})] \times 2.5/60 \text{ min} +$
 $[(A+D)/12 \text{ hrs}]/60 \text{ min} =$ _____ **GPM**

2. Peak Off-Hrs. Flow = $[(A+C+D)/12 \text{ hrs} + (F/24 \text{ hrs})] \times 2.5/60 \text{ min} +$
 $((B+E)/12 \text{ hrs})/60 \text{ min} =$ _____ **GPM**

* Peak hourly flows assume an effective 12-hour day and that office and residential peaks occur at separate times.