

TABLE 2-9

**TOTAL ESTIMATED FLOWS AND LOADINGS FOR A
TOWN-WIDE WASTEWATER COLLECTION AND TREATMENT SYSTEM**

CONDITION	EXISTING MINIMUM MONTH⁽³⁾	AVERAGE ANNUAL	DESIGN SUMMER AVERAGE	MINIMUM MONTH⁽²⁾	MAXIMUM MONTH	PEAK DAY	PEAK HOUR⁽³⁾
Flow, mgd	0.08	1.9	2.7	1.2	3.1	3.5	5.1
BOD ₅ , lb/day ⁽¹⁾	100	3,200	6,200	1,400	7,400	8,500	-
TSS, lb/day ⁽¹⁾	160	3,400	5,900	2,200	7,000	8,100	-
TKN, lb/day	20	600	900	200	1,100	1,300	-
Ammonia, lb/day	10	400	600	100	800	900	-

Note:

1. BOD and TSS loadings for Maximum Month and Peak Day adjusted based on recommended Loading Factors from the TR-16 Guide.
2. Existing Minimum Month loadings based on 2005 data.
3. Peak Hour loadings not calculated.