

Total number of pets (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 156 | 156 | 0 |
| Feb | 156 | 156 | 0 |
| Mar | 156 | 156 | 0 |
| Apr | 156 | 156 | 0 |
| May | 156 | 156 | 0 |
| Jun | 156 | 156 | 0 |
| Jul | 156 | 156 | 0 |
| Aug | 156 | 156 | 0 |
| Sep | 156 | 156 | 0 |
| Oct | 156 | 156 | 0 |
| Nov | 156 | 156 | 0 |
| Dec | 156 | 156 | 0 |

Number of structures near-stream structures built pre 1974 (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 6.11 | 6.11 | 0 |
| Feb | 6.11 | 6.11 | 0 |
| Mar | 6.11 | 6.11 | 0 |
| Apr | 6.11 | 6.11 | 0 |
| May | 6.11 | 6.11 | 0 |
| Jun | 6.11 | 6.11 | 0 |
| Jul | 6.11 | 6.11 | 0 |
| Aug | 6.11 | 6.11 | 0 |
| Sep | 6.11 | 6.11 | 0 |
| Oct | 6.11 | 6.11 | 0 |
| Nov | 6.11 | 6.11 | 0 |
| Dec | 6.11 | 6.11 | 0 |

Number of structures near-stream structures built between 1974 to 1986 (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 2.73 | 2.73 | 0 |
| Feb | 2.73 | 2.73 | 0 |
| Mar | 2.73 | 2.73 | 0 |
| Apr | 2.73 | 2.73 | 0 |
| May | 2.73 | 2.73 | 0 |
| Jun | 2.73 | 2.73 | 0 |
| Jul | 2.73 | 2.73 | 0 |
| Aug | 2.73 | 2.73 | 0 |
| Sep | 2.73 | 2.73 | 0 |
| Oct | 2.73 | 2.73 | 0 |
| Nov | 2.73 | 2.73 | 0 |
| Dec | 2.73 | 2.73 | 0 |

Number of structures near-stream structures built after 1986 (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 4.29 | 4.29 | 0 |
| Feb | 4.29 | 4.29 | 0 |
| Mar | 4.29 | 4.29 | 0 |
| Apr | 4.29 | 4.29 | 0 |
| May | 4.29 | 4.29 | 0 |
| Jun | 4.29 | 4.29 | 0 |
| Jul | 4.29 | 4.29 | 0 |
| Aug | 4.29 | 4.29 | 0 |
| Sep | 4.29 | 4.29 | 0 |
| Oct | 4.29 | 4.29 | 0 |
| Nov | 4.29 | 4.29 | 0 |
| Dec | 4.29 | 4.29 | 0 |

Total number of structures near-stream structures (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 13 | 13 | 0 |
| Feb | 13 | 13 | 0 |
| Mar | 13 | 13 | 0 |
| Apr | 13 | 13 | 0 |
| May | 13 | 13 | 0 |
| Jun | 13 | 13 | 0 |
| Jul | 13 | 13 | 0 |
| Aug | 13 | 13 | 0 |
| Sep | 13 | 13 | 0 |
| Oct | 13 | 13 | 0 |
| Nov | 13 | 13 | 0 |
| Dec | 13 | 13 | 0 |

Failing on-site systems for structures near-stream built before 197 (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|---------|---------|-----|
| Jan | 1.37475 | 1.37475 | 0 |
| Feb | 1.37475 | 1.37475 | 0 |
| Mar | 1.37475 | 1.37475 | 0 |
| Apr | 1.37475 | 1.37475 | 0 |
| May | 1.37475 | 1.37475 | 0 |
| Jun | 1.37475 | 1.37475 | 0 |
| Jul | 1.37475 | 1.37475 | 0 |
| Aug | 1.37475 | 1.37475 | 0 |
| Sep | 1.37475 | 1.37475 | 0 |
| Oct | 1.37475 | 1.37475 | 0 |
| Nov | 1.37475 | 1.37475 | 0 |
| Dec | 1.37475 | 1.37475 | 0 |

ailing on-site systems for structures near-stream built between 1974 and 1986 (dil = 1E+0

| Month | Manual | Model | dil |
|-------|--------|--------|-----|
| Jan | 0.4095 | 0.4095 | 0 |
| Feb | 0.4095 | 0.4095 | 0 |
| Mar | 0.4095 | 0.4095 | 0 |
| Apr | 0.4095 | 0.4095 | 0 |
| May | 0.4095 | 0.4095 | 0 |
| Jun | 0.4095 | 0.4095 | 0 |
| Jul | 0.4095 | 0.4095 | 0 |
| Aug | 0.4095 | 0.4095 | 0 |
| Sep | 0.4095 | 0.4095 | 0 |
| Oct | 0.4095 | 0.4095 | 0 |
| Nov | 0.4095 | 0.4095 | 0 |
| Dec | 0.4095 | 0.4095 | 0 |

Failing on-site systems for structures near-stream built after 1986 (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 0.160875 | 0.160875 | 0 |
| Feb | 0.160875 | 0.160875 | 0 |
| Mar | 0.160875 | 0.160875 | 0 |
| Apr | 0.160875 | 0.160875 | 0 |
| May | 0.160875 | 0.160875 | 0 |
| Jun | 0.160875 | 0.160875 | 0 |
| Jul | 0.160875 | 0.160875 | 0 |
| Aug | 0.160875 | 0.160875 | 0 |
| Sep | 0.160875 | 0.160875 | 0 |
| Oct | 0.160875 | 0.160875 | 0 |
| Nov | 0.160875 | 0.160875 | 0 |
| Dec | 0.160875 | 0.160875 | 0 |

Total failing on-site systems for structures near-stream (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 1.945125 | 1.945125 | 0 |
| Feb | 1.945125 | 1.945125 | 0 |
| Mar | 1.945125 | 1.945125 | 0 |
| Apr | 1.945125 | 1.945125 | 0 |
| May | 1.945125 | 1.945125 | 0 |
| Jun | 1.945125 | 1.945125 | 0 |
| Jul | 1.945125 | 1.945125 | 0 |
| Aug | 1.945125 | 1.945125 | 0 |
| Sep | 1.945125 | 1.945125 | 0 |
| Oct | 1.945125 | 1.945125 | 0 |
| Nov | 1.945125 | 1.945125 | 0 |
| Dec | 1.945125 | 1.945125 | 0 |

Total failing on-site systems for structures near-stream discharging to stream (dil = 1E+06

| Month | Manual | Model | dil |
|-------|--------------|--------------|-----|
| Jan | 1.945125e-06 | 1.945125e-06 | 0 |
| Feb | 1.945125e-06 | 1.945125e-06 | 0 |
| Mar | 1.945125e-06 | 1.945125e-06 | 0 |
| Apr | 1.945125e-06 | 1.945125e-06 | 0 |
| May | 1.945125e-06 | 1.945125e-06 | 0 |
| Jun | 1.945125e-06 | 1.945125e-06 | 0 |
| Jul | 1.945125e-06 | 1.945125e-06 | 0 |
| Aug | 1.945125e-06 | 1.945125e-06 | 0 |
| Sep | 1.945125e-06 | 1.945125e-06 | 0 |
| Oct | 1.945125e-06 | 1.945125e-06 | 0 |
| Nov | 1.945125e-06 | 1.945125e-06 | 0 |
| Dec | 1.945125e-06 | 1.945125e-06 | 0 |

Total bacteria load from pets (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 7.41e+11 | 7.41e+11 | 0 |
| Feb | 7.41e+11 | 7.41e+11 | 0 |
| Mar | 7.41e+11 | 7.41e+11 | 0 |
| Apr | 7.41e+11 | 7.41e+11 | 0 |
| May | 7.41e+11 | 7.41e+11 | 0 |
| Jun | 7.41e+11 | 7.41e+11 | 0 |
| Jul | 7.41e+11 | 7.41e+11 | 0 |
| Aug | 7.41e+11 | 7.41e+11 | 0 |
| Sep | 7.41e+11 | 7.41e+11 | 0 |
| Oct | 7.41e+11 | 7.41e+11 | 0 |
| Nov | 7.41e+11 | 7.41e+11 | 0 |
| Dec | 7.41e+11 | 7.41e+11 | 0 |

total onsite system bacteria load from near-stream structures built before 1974 (dil = 1E+00

| Month | Manual | Model | dil |
|-------|-------------|-------------|-----|
| Jan | 1.04481e+12 | 1.04481e+12 | 0 |
| Feb | 1.04481e+12 | 1.04481e+12 | 0 |
| Mar | 1.04481e+12 | 1.04481e+12 | 0 |
| Apr | 1.04481e+12 | 1.04481e+12 | 0 |
| May | 1.04481e+12 | 1.04481e+12 | 0 |
| Jun | 1.04481e+12 | 1.04481e+12 | 0 |
| Jul | 1.04481e+12 | 1.04481e+12 | 0 |
| Aug | 1.04481e+12 | 1.04481e+12 | 0 |
| Sep | 1.04481e+12 | 1.04481e+12 | 0 |
| Oct | 1.04481e+12 | 1.04481e+12 | 0 |
| Nov | 1.04481e+12 | 1.04481e+12 | 0 |
| Dec | 1.04481e+12 | 1.04481e+12 | 0 |

e system failure bacteria load from near-stream structures built between 1974 and 1986 (d

| Month | Manual | Model | dil |
|-------|------------|------------|-----|
| Jan | 3.1122e+11 | 3.1122e+11 | 0 |
| Feb | 3.1122e+11 | 3.1122e+11 | 0 |
| Mar | 3.1122e+11 | 3.1122e+11 | 0 |
| Apr | 3.1122e+11 | 3.1122e+11 | 0 |
| May | 3.1122e+11 | 3.1122e+11 | 0 |
| Jun | 3.1122e+11 | 3.1122e+11 | 0 |
| Jul | 3.1122e+11 | 3.1122e+11 | 0 |
| Aug | 3.1122e+11 | 3.1122e+11 | 0 |
| Sep | 3.1122e+11 | 3.1122e+11 | 0 |
| Oct | 3.1122e+11 | 3.1122e+11 | 0 |
| Nov | 3.1122e+11 | 3.1122e+11 | 0 |
| Dec | 3.1122e+11 | 3.1122e+11 | 0 |

onsite system failure bacteria load from near-stream structures built after 1986 (dil = 1E-

| Month | Manual | Model | dil |
|-------|-------------|-------------|-----|
| Jan | 1.22265e+11 | 1.22265e+11 | 0 |
| Feb | 1.22265e+11 | 1.22265e+11 | 0 |
| Mar | 1.22265e+11 | 1.22265e+11 | 0 |
| Apr | 1.22265e+11 | 1.22265e+11 | 0 |
| May | 1.22265e+11 | 1.22265e+11 | 0 |
| Jun | 1.22265e+11 | 1.22265e+11 | 0 |
| Jul | 1.22265e+11 | 1.22265e+11 | 0 |
| Aug | 1.22265e+11 | 1.22265e+11 | 0 |
| Sep | 1.22265e+11 | 1.22265e+11 | 0 |
| Oct | 1.22265e+11 | 1.22265e+11 | 0 |
| Nov | 1.22265e+11 | 1.22265e+11 | 0 |
| Dec | 1.22265e+11 | 1.22265e+11 | 0 |

Total onsite system failure bacteria load from near–stream structures (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------------|--------------|-----|
| Jan | 1.478295e+12 | 1.478295e+12 | 0 |
| Feb | 1.478295e+12 | 1.478295e+12 | 0 |
| Mar | 1.478295e+12 | 1.478295e+12 | 0 |
| Apr | 1.478295e+12 | 1.478295e+12 | 0 |
| May | 1.478295e+12 | 1.478295e+12 | 0 |
| Jun | 1.478295e+12 | 1.478295e+12 | 0 |
| Jul | 1.478295e+12 | 1.478295e+12 | 0 |
| Aug | 1.478295e+12 | 1.478295e+12 | 0 |
| Sep | 1.478295e+12 | 1.478295e+12 | 0 |
| Oct | 1.478295e+12 | 1.478295e+12 | 0 |
| Nov | 1.478295e+12 | 1.478295e+12 | 0 |
| Dec | 1.478295e+12 | 1.478295e+12 | 0 |

total onsite system failure bacteria load from near-stream structures to stream (dil = 1E+06

| Month | Manual | Model | dil |
|-------|---------|---------|-----|
| Jan | 1478295 | 1478295 | 0 |
| Feb | 1478295 | 1478295 | 0 |
| Mar | 1478295 | 1478295 | 0 |
| Apr | 1478295 | 1478295 | 0 |
| May | 1478295 | 1478295 | 0 |
| Jun | 1478295 | 1478295 | 0 |
| Jul | 1478295 | 1478295 | 0 |
| Aug | 1478295 | 1478295 | 0 |
| Sep | 1478295 | 1478295 | 0 |
| Oct | 1478295 | 1478295 | 0 |
| Nov | 1478295 | 1478295 | 0 |
| Dec | 1478295 | 1478295 | 0 |

Accum to RAOCUT (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|-------------|-------------|-----|
| Jan | 43859555765 | 43859555765 | 0 |
| Feb | 43859555765 | 43859555765 | 0 |
| Mar | 43859555765 | 43859555765 | 0 |
| Apr | 43859555765 | 43859555765 | 0 |
| May | 43859555765 | 43859555765 | 0 |
| Jun | 43859555765 | 43859555765 | 0 |
| Jul | 43859555765 | 43859555765 | 0 |
| Aug | 43859555765 | 43859555765 | 0 |
| Sep | 43859555765 | 43859555765 | 0 |
| Oct | 43859555765 | 43859555765 | 0 |
| Nov | 43859555765 | 43859555765 | 0 |
| Dec | 43859555765 | 43859555765 | 0 |