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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 142 | 142 | 0 |
| Feb | 142 | 142 | 0 |
| Mar | 142 | 142 | 0 |
| Apr | 142 | 142 | 0 |
| May | 142 | 142 | 0 |
| Jun | 142 | 142 | 0 |
| Jul | 142 | 142 | 0 |
| Aug | 142 | 142 | 0 |
| Sep | 142 | 142 | 0 |
| Oct | 142 | 142 | 0 |
| Nov | 142 | 142 | 0 |
| Dec | 142 | 142 | 0 |

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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 2.35 | 2.35 | 0 |
| Feb | 2.35 | 2.35 | 0 |
| Mar | 2.35 | 2.35 | 0 |
| Apr | 2.35 | 2.35 | 0 |
| May | 2.35 | 2.35 | 0 |
| Jun | 2.35 | 2.35 | 0 |
| Jul | 2.35 | 2.35 | 0 |
| Aug | 2.35 | 2.35 | 0 |
| Sep | 2.35 | 2.35 | 0 |
| Oct | 2.35 | 2.35 | 0 |
| Nov | 2.35 | 2.35 | 0 |
| Dec | 2.35 | 2.35 | 0 |

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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 1.05 | 1.05 | 0 |
| Feb | 1.05 | 1.05 | 0 |
| Mar | 1.05 | 1.05 | 0 |
| Apr | 1.05 | 1.05 | 0 |
| May | 1.05 | 1.05 | 0 |
| Jun | 1.05 | 1.05 | 0 |
| Jul | 1.05 | 1.05 | 0 |
| Aug | 1.05 | 1.05 | 0 |
| Sep | 1.05 | 1.05 | 0 |
| Oct | 1.05 | 1.05 | 0 |
| Nov | 1.05 | 1.05 | 0 |
| Dec | 1.05 | 1.05 | 0 |

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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 1.65 | 1.65 | 0 |
| Feb | 1.65 | 1.65 | 0 |
| Mar | 1.65 | 1.65 | 0 |
| Apr | 1.65 | 1.65 | 0 |
| May | 1.65 | 1.65 | 0 |
| Jun | 1.65 | 1.65 | 0 |
| Jul | 1.65 | 1.65 | 0 |
| Aug | 1.65 | 1.65 | 0 |
| Sep | 1.65 | 1.65 | 0 |
| Oct | 1.65 | 1.65 | 0 |
| Nov | 1.65 | 1.65 | 0 |
| Dec | 1.65 | 1.65 | 0 |

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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 5 | 5 | 0 |
| Feb | 5 | 5 | 0 |
| Mar | 5 | 5 | 0 |
| Apr | 5 | 5 | 0 |
| May | 5 | 5 | 0 |
| Jun | 5 | 5 | 0 |
| Jul | 5 | 5 | 0 |
| Aug | 5 | 5 | 0 |
| Sep | 5 | 5 | 0 |
| Oct | 5 | 5 | 0 |
| Nov | 5 | 5 | 0 |
| Dec | 5 | 5 | 0 |

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

| Month | Manual | Model | dil |
|-------|---------|---------|-----|
| Jan | 0.52875 | 0.52875 | 0 |
| Feb | 0.52875 | 0.52875 | 0 |
| Mar | 0.52875 | 0.52875 | 0 |
| Apr | 0.52875 | 0.52875 | 0 |
| May | 0.52875 | 0.52875 | 0 |
| Jun | 0.52875 | 0.52875 | 0 |
| Jul | 0.52875 | 0.52875 | 0 |
| Aug | 0.52875 | 0.52875 | 0 |
| Sep | 0.52875 | 0.52875 | 0 |
| Oct | 0.52875 | 0.52875 | 0 |
| Nov | 0.52875 | 0.52875 | 0 |
| Dec | 0.52875 | 0.52875 | 0 |

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

| Month | Manual | Model | dil |
|-------|--------|--------|-----|
| Jan | 0.1575 | 0.1575 | 0 |
| Feb | 0.1575 | 0.1575 | 0 |
| Mar | 0.1575 | 0.1575 | 0 |
| Apr | 0.1575 | 0.1575 | 0 |
| May | 0.1575 | 0.1575 | 0 |
| Jun | 0.1575 | 0.1575 | 0 |
| Jul | 0.1575 | 0.1575 | 0 |
| Aug | 0.1575 | 0.1575 | 0 |
| Sep | 0.1575 | 0.1575 | 0 |
| Oct | 0.1575 | 0.1575 | 0 |
| Nov | 0.1575 | 0.1575 | 0 |
| Dec | 0.1575 | 0.1575 | 0 |

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

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 0.061875 | 0.061875 | 0 |
| Feb | 0.061875 | 0.061875 | 0 |
| Mar | 0.061875 | 0.061875 | 0 |
| Apr | 0.061875 | 0.061875 | 0 |
| May | 0.061875 | 0.061875 | 0 |
| Jun | 0.061875 | 0.061875 | 0 |
| Jul | 0.061875 | 0.061875 | 0 |
| Aug | 0.061875 | 0.061875 | 0 |
| Sep | 0.061875 | 0.061875 | 0 |
| Oct | 0.061875 | 0.061875 | 0 |
| Nov | 0.061875 | 0.061875 | 0 |
| Dec | 0.061875 | 0.061875 | 0 |

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

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 0.748125 | 0.748125 | 0 |
| Feb | 0.748125 | 0.748125 | 0 |
| Mar | 0.748125 | 0.748125 | 0 |
| Apr | 0.748125 | 0.748125 | 0 |
| May | 0.748125 | 0.748125 | 0 |
| Jun | 0.748125 | 0.748125 | 0 |
| Jul | 0.748125 | 0.748125 | 0 |
| Aug | 0.748125 | 0.748125 | 0 |
| Sep | 0.748125 | 0.748125 | 0 |
| Oct | 0.748125 | 0.748125 | 0 |
| Nov | 0.748125 | 0.748125 | 0 |
| Dec | 0.748125 | 0.748125 | 0 |

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

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 0.748125 | 0.748125 | 0 |
| Feb | 0.748125 | 0.748125 | 0 |
| Mar | 0.748125 | 0.748125 | 0 |
| Apr | 0.748125 | 0.748125 | 0 |
| May | 0.748125 | 0.748125 | 0 |
| Jun | 0.748125 | 0.748125 | 0 |
| Jul | 0.748125 | 0.748125 | 0 |
| Aug | 0.748125 | 0.748125 | 0 |
| Sep | 0.748125 | 0.748125 | 0 |
| Oct | 0.748125 | 0.748125 | 0 |
| Nov | 0.748125 | 0.748125 | 0 |
| Dec | 0.748125 | 0.748125 | 0 |

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

| Month | Manual | Model | dil |
|-------|-----------|-----------|-----|
| Jan | 6.745e+11 | 6.745e+11 | 0 |
| Feb | 6.745e+11 | 6.745e+11 | 0 |
| Mar | 6.745e+11 | 6.745e+11 | 0 |
| Apr | 6.745e+11 | 6.745e+11 | 0 |
| May | 6.745e+11 | 6.745e+11 | 0 |
| Jun | 6.745e+11 | 6.745e+11 | 0 |
| Jul | 6.745e+11 | 6.745e+11 | 0 |
| Aug | 6.745e+11 | 6.745e+11 | 0 |
| Sep | 6.745e+11 | 6.745e+11 | 0 |
| Oct | 6.745e+11 | 6.745e+11 | 0 |
| Nov | 6.745e+11 | 6.745e+11 | 0 |
| Dec | 6.745e+11 | 6.745e+11 | 0 |

otal onsite system bacteria load from near-stream structures built before 1974 (dil = 1E+0

| Month | Manual | Model | dil |
|-------|------------|------------|-----|
| Jan | 4.0185e+11 | 4.0185e+11 | 0 |
| Feb | 4.0185e+11 | 4.0185e+11 | 0 |
| Mar | 4.0185e+11 | 4.0185e+11 | 0 |
| Apr | 4.0185e+11 | 4.0185e+11 | 0 |
| May | 4.0185e+11 | 4.0185e+11 | 0 |
| Jun | 4.0185e+11 | 4.0185e+11 | 0 |
| Jul | 4.0185e+11 | 4.0185e+11 | 0 |
| Aug | 4.0185e+11 | 4.0185e+11 | 0 |
| Sep | 4.0185e+11 | 4.0185e+11 | 0 |
| Oct | 4.0185e+11 | 4.0185e+11 | 0 |
| Nov | 4.0185e+11 | 4.0185e+11 | 0 |
| Dec | 4.0185e+11 | 4.0185e+11 | 0 |

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

| Month | Manual | Model | dil |
|-------|-----------|-----------|-----|
| Jan | 1.197e+11 | 1.197e+11 | 0 |
| Feb | 1.197e+11 | 1.197e+11 | 0 |
| Mar | 1.197e+11 | 1.197e+11 | 0 |
| Apr | 1.197e+11 | 1.197e+11 | 0 |
| May | 1.197e+11 | 1.197e+11 | 0 |
| Jun | 1.197e+11 | 1.197e+11 | 0 |
| Jul | 1.197e+11 | 1.197e+11 | 0 |
| Aug | 1.197e+11 | 1.197e+11 | 0 |
| Sep | 1.197e+11 | 1.197e+11 | 0 |
| Oct | 1.197e+11 | 1.197e+11 | 0 |
| Nov | 1.197e+11 | 1.197e+11 | 0 |
| Dec | 1.197e+11 | 1.197e+11 | 0 |

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

| Month | Manual | Model | dil |
|-------|------------|------------|-----|
| Jan | 4.7025e+10 | 4.7025e+10 | 0 |
| Feb | 4.7025e+10 | 4.7025e+10 | 0 |
| Mar | 4.7025e+10 | 4.7025e+10 | 0 |
| Apr | 4.7025e+10 | 4.7025e+10 | 0 |
| May | 4.7025e+10 | 4.7025e+10 | 0 |
| Jun | 4.7025e+10 | 4.7025e+10 | 0 |
| Jul | 4.7025e+10 | 4.7025e+10 | 0 |
| Aug | 4.7025e+10 | 4.7025e+10 | 0 |
| Sep | 4.7025e+10 | 4.7025e+10 | 0 |
| Oct | 4.7025e+10 | 4.7025e+10 | 0 |
| Nov | 4.7025e+10 | 4.7025e+10 | 0 |
| Dec | 4.7025e+10 | 4.7025e+10 | 0 |

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

| Month | Manual | Model | dil |
|-------|-------------|-------------|-----|
| Jan | 5.68575e+11 | 5.68575e+11 | 0 |
| Feb | 5.68575e+11 | 5.68575e+11 | 0 |
| Mar | 5.68575e+11 | 5.68575e+11 | 0 |
| Apr | 5.68575e+11 | 5.68575e+11 | 0 |
| May | 5.68575e+11 | 5.68575e+11 | 0 |
| Jun | 5.68575e+11 | 5.68575e+11 | 0 |
| Jul | 5.68575e+11 | 5.68575e+11 | 0 |
| Aug | 5.68575e+11 | 5.68575e+11 | 0 |
| Sep | 5.68575e+11 | 5.68575e+11 | 0 |
| Oct | 5.68575e+11 | 5.68575e+11 | 0 |
| Nov | 5.68575e+11 | 5.68575e+11 | 0 |
| Dec | 5.68575e+11 | 5.68575e+11 | 0 |

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

| Month | Manual | Model | dil |
|-------|-------------|-------------|-----|
| Jan | 5.68575e+11 | 5.68575e+11 | 0 |
| Feb | 5.68575e+11 | 5.68575e+11 | 0 |
| Mar | 5.68575e+11 | 5.68575e+11 | 0 |
| Apr | 5.68575e+11 | 5.68575e+11 | 0 |
| May | 5.68575e+11 | 5.68575e+11 | 0 |
| Jun | 5.68575e+11 | 5.68575e+11 | 0 |
| Jul | 5.68575e+11 | 5.68575e+11 | 0 |
| Aug | 5.68575e+11 | 5.68575e+11 | 0 |
| Sep | 5.68575e+11 | 5.68575e+11 | 0 |
| Oct | 5.68575e+11 | 5.68575e+11 | 0 |
| Nov | 5.68575e+11 | 5.68575e+11 | 0 |
| Dec | 5.68575e+11 | 5.68575e+11 | 0 |

Accum to RAOCUT (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|------------|------------|-----|
| Jan | 3570672313 | 3570672313 | 0 |
| Feb | 3570672313 | 3570672313 | 0 |
| Mar | 3570672313 | 3570672313 | 0 |
| Apr | 3570672313 | 3570672313 | 0 |
| May | 3570672313 | 3570672313 | 0 |
| Jun | 3570672313 | 3570672313 | 0 |
| Jul | 3570672313 | 3570672313 | 0 |
| Aug | 3570672313 | 3570672313 | 0 |
| Sep | 3570672313 | 3570672313 | 0 |
| Oct | 3570672313 | 3570672313 | 0 |
| Nov | 3570672313 | 3570672313 | 0 |
| Dec | 3570672313 | 3570672313 | 0 |