# Total number of elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 0.05930376 | 0.05930376 | 0 |
| Feb | 0.05930376 | 0.05930376 | 0 |
| Mar | 0.05930376 | 0.05930376 | 0 |
| Apr | 0.00450000 | 0.00450000 | 0 |
| May | 0.00450000 | 0.00450000 | 0 |
| Jun | 0.00450000 | 0.00450000 | 0 |
| Jul | 0.00450000 | 0.00450000 | 0 |
| Aug | 0.00450000 | 0.00450000 | 0 |
| Sep | 0.00450000 | 0.00450000 | 0 |
| Oct | 0.00450000 | 0.00450000 | 0 |
| Nov | 0.05930376 | 0.05930376 | 0 |
| Dec | 0.05930376 | 0.05930376 | 0 |

# Number of elk on land (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 0.058686880 | 0.058686880 | 0 |
| Feb | 0.058686880 | 0.058686880 | 0 |
| Mar | 0.058686880 | 0.058686880 | 0 |
| Apr | 0.004325377 | 0.004325377 | 0 |
| May | 0.004325377 | 0.004325377 | 0 |
| Jun | 0.004325377 | 0.004325377 | 0 |
| Jul | 0.004325377 | 0.004325377 | 0 |
| Aug | 0.004325377 | 0.004325377 | 0 |
| Sep | 0.004325377 | 0.004325377 | 0 |
| Oct | 0.004325377 | 0.004325377 | 0 |
| Nov | 0.058686880 | 0.058686880 | 0 |
| Dec | 0.058686880 | 0.058686880 | 0 |

# Number of elk in stream (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 0.0006168792 | 0.0006168792 | 0 |
| Feb | 0.0006168792 | 0.0006168792 | 0 |
| Mar | 0.0006168792 | 0.0006168792 | 0 |
| Apr | 0.0001746225 | 0.0001746225 | 0 |
| May | 0.0001746225 | 0.0001746225 | 0 |
| Jun | 0.0001746225 | 0.0001746225 | 0 |
| Jul | 0.0001746225 | 0.0001746225 | 0 |
| Aug | 0.0001746225 | 0.0001746225 | 0 |
| Sep | 0.0001746225 | 0.0001746225 | 0 |
| Oct | 0.0001746225 | 0.0001746225 | 0 |
| Nov | 0.0006168792 | 0.0006168792 | 0 |
| Dec | 0.0006168792 | 0.0006168792 | 0 |

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

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 39437000 | 39437000 | 0 |
| Feb | 39437000 | 39437000 | 0 |
| Mar | 39437000 | 39437000 | 0 |
| Apr | 2992500 | 2992500 | 0 |
| May | 2992500 | 2992500 | 0 |
| Jun | 2992500 | 2992500 | 0 |
| Jul | 2992500 | 2992500 | 0 |
| Aug | 2992500 | 2992500 | 0 |
| Sep | 2992500 | 2992500 | 0 |
| Oct | 2992500 | 2992500 | 0 |
| Nov | 39437000 | 39437000 | 0 |
| Dec | 39437000 | 39437000 | 0 |

# Bacteria load on land from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 39026775 | 39026775 | 0 |
| Feb | 39026775 | 39026775 | 0 |
| Mar | 39026775 | 39026775 | 0 |
| Apr | 2876376 | 2876376 | 0 |
| May | 2876376 | 2876376 | 0 |
| Jun | 2876376 | 2876376 | 0 |
| Jul | 2876376 | 2876376 | 0 |
| Aug | 2876376 | 2876376 | 0 |
| Sep | 2876376 | 2876376 | 0 |
| Oct | 2876376 | 2876376 | 0 |
| Nov | 39026775 | 39026775 | 0 |
| Dec | 39026775 | 39026775 | 0 |

# Bacteria load to stream from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 410224.7 | 410224.7 | 0 |
| Feb | 410224.7 | 410224.7 | 0 |
| Mar | 410224.7 | 410224.7 | 0 |
| Apr | 116124.0 | 116124.0 | 0 |
| May | 116124.0 | 116124.0 | 0 |
| Jun | 116124.0 | 116124.0 | 0 |
| Jul | 116124.0 | 116124.0 | 0 |
| Aug | 116124.0 | 116124.0 | 0 |
| Sep | 116124.0 | 116124.0 | 0 |
| Oct | 116124.0 | 116124.0 | 0 |
| Nov | 410224.7 | 410224.7 | 0 |
| Dec | 410224.7 | 410224.7 | 0 |

# Bacteria load to land as accum for pasture from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan | 1950102 | 1950102 | 0 |
| Feb | 1950102 | 1950102 | 0 |
| Mar | 1950102 | 1950102 | 0 |
| Apr | 0 | 0 | NA |
| May | 0 | 0 | NA |
| Jun | 0 | 0 | NA |
| Jul | 0 | 0 | NA |
| Aug | 0 | 0 | NA |
| Sep | 0 | 0 | NA |
| Oct | 0 | 0 | NA |
| Nov | 1950102 | 1950102 | 0 |
| Dec | 1950102 | 1950102 | 0 |

# Bacteria load to land as accum for forest from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|----------|----------|-----|
| Jan | 1980640 | 1980640 | 0 |
| Feb | 1980640 | 1980640 | 0 |
| Mar | 1980640 | 1980640 | 0 |
| Apr | 28763760 | 28763760 | 0 |
| May | 28763760 | 28763760 | 0 |
| Jun | 28763760 | 28763760 | 0 |
| Jul | 28763760 | 28763760 | 0 |
| Aug | 28763760 | 28763760 | 0 |
| Sep | 28763760 | 28763760 | 0 |
| Oct | 28763760 | 28763760 | 0 |
| Nov | 1980640 | 1980640 | 0 |
| Dec | 1980640 | 1980640 | 0 |

# Bacteria load limit to land as accum for pasture from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|---|---|---|---|
| Jan | 17550915 | 17550915 | 0 |
| Feb | 17550915 | 17550915 | 0 |
| Mar | 17550915 | 17550915 | 0 |
| Apr | 0 | 0 | NA |
| May | 0 | 0 | NA |
| Jun | 0 | 0 | NA |
| Jul | 0 | 0 | NA |
| Aug | 0 | 0 | NA |
| Sep | 0 | 0 | NA |
| Oct | 0 | 0 | NA |
| Nov | 17550915 | 17550915 | 0 |
| Dec | 17550915 | 17550915 | 0 |

# Bacteria load limit to land as accum for forest from elk (dil = 1E+06)

| Month | Manual | Model | dil |
|-------|-----------|-----------|-----|
| Jan | 17825764 | 17825764 | 0 |
| Feb | 17825764 | 17825764 | 0 |
| Mar | 17825764 | 17825764 | 0 |
| Apr | 258873843 | 258873843 | 0 |
| May | 258873843 | 258873843 | 0 |
| Jun | 258873843 | 258873843 | 0 |
| Jul | 258873843 | 258873843 | 0 |
| Aug | 258873843 | 258873843 | 0 |
| Sep | 258873843 | 258873843 | 0 |
| Oct | 258873843 | 258873843 | 0 |
| Nov | 17825764 | 17825764 | 0 |
| Dec | 17825764 | 17825764 | 0 |