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

| Month | Manual | Model | dil |
|-------|--------|-------|-----|
| Jan   | 0.147  | 0.147 | 0   |
| Feb   | 0.147  | 0.147 | 0   |
| Mar   | 0.147  | 0.147 | 0   |
| Apr   | 0.147  | 0.147 | 0   |
| May   | 0.147  | 0.147 | 0   |
| Jun   | 0.147  | 0.147 | 0   |
| Jul   | 0.147  | 0.147 | 0   |
| Aug   | 0.147  | 0.147 | 0   |
| Sep   | 0.147  | 0.147 | 0   |
| Oct   | 0.147  | 0.147 | 0   |
| Nov   | 0.147  | 0.147 | 0   |
| Dec   | 0.147  | 0.147 | 0   |

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

| Month | Manual    | Model     | dil |
|-------|-----------|-----------|-----|
| Jan   | 0.1011168 | 0.1011168 | 0   |
| Feb   | 0.1011168 | 0.1011168 | 0   |
| Mar   | 0.1011168 | 0.1011168 | 0   |
| Apr   | 0.1011168 | 0.1011168 | 0   |
| May   | 0.1011168 | 0.1011168 | 0   |
| Jun   | 0.1011168 | 0.1011168 | 0   |
| Jul   | 0.1011168 | 0.1011168 | 0   |
| Aug   | 0.1011168 | 0.1011168 | 0   |
| Sep   | 0.1011168 | 0.1011168 | 0   |
| Oct   | 0.1011168 | 0.1011168 | 0   |
| Nov   | 0.1011168 | 0.1011168 | 0   |
| Dec   | 0.1011168 | 0.1011168 | 0   |

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

| Month | Manual     | Model      | dil |
|-------|------------|------------|-----|
| Jan   | 0.04588321 | 0.04588321 | 0   |
| Feb   | 0.04588321 | 0.04588321 | 0   |
| Mar   | 0.04588321 | 0.04588321 | 0   |
| Apr   | 0.04588321 | 0.04588321 | 0   |
| May   | 0.04588321 | 0.04588321 | 0   |
| Jun   | 0.04588321 | 0.04588321 | 0   |
| Jul   | 0.04588321 | 0.04588321 | 0   |
| Aug   | 0.04588321 | 0.04588321 | 0   |
| Sep   | 0.04588321 | 0.04588321 | 0   |
| Oct   | 0.04588321 | 0.04588321 | 0   |
| Nov   | 0.04588321 | 0.04588321 | 0   |
| Dec   | 0.04588321 | 0.04588321 | 0   |

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

| Month | Manual  | Model   | dil |
|-------|---------|---------|-----|
| Jan   | 2890755 | 2890755 | 0   |
| Feb   | 2890755 | 2890755 | 0   |
| Mar   | 2890755 | 2890755 | 0   |
| Apr   | 2890755 | 2890755 | 0   |
| May   | 2890755 | 2890755 | 0   |
| Jun   | 2890755 | 2890755 | 0   |
| Jul   | 2890755 | 2890755 | 0   |
| Aug   | 2890755 | 2890755 | 0   |
| Sep   | 2890755 | 2890755 | 0   |
| Oct   | 2890755 | 2890755 | 0   |
| Nov   | 2890755 | 2890755 | 0   |
| Dec   | 2890755 | 2890755 | 0   |

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

| Month | Manual  | Model   | dil |
|-------|---------|---------|-----|
| Jan   | 1988462 | 1988462 | 0   |
| Feb   | 1988462 | 1988462 | 0   |
| Mar   | 1988462 | 1988462 | 0   |
| Apr   | 1988462 | 1988462 | 0   |
| May   | 1988462 | 1988462 | 0   |
| Jun   | 1988462 | 1988462 | 0   |
| Jul   | 1988462 | 1988462 | 0   |
| Aug   | 1988462 | 1988462 | 0   |
| Sep   | 1988462 | 1988462 | 0   |
| Oct   | 1988462 | 1988462 | 0   |
| Nov   | 1988462 | 1988462 | 0   |
| Dec   | 1988462 | 1988462 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 902293.4 | 902293.4 | 0   |
| Feb   | 902293.4 | 902293.4 | 0   |
| Mar   | 902293.4 | 902293.4 | 0   |
| Apr   | 902293.4 | 902293.4 | 0   |
| May   | 902293.4 | 902293.4 | 0   |
| Jun   | 902293.4 | 902293.4 | 0   |
| Jul   | 902293.4 | 902293.4 | 0   |
| Aug   | 902293.4 | 902293.4 | 0   |
| Sep   | 902293.4 | 902293.4 | 0   |
| Oct   | 902293.4 | 902293.4 | 0   |
| Nov   | 902293.4 | 902293.4 | 0   |
| Dec   | 902293.4 | 902293.4 | 0   |

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

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

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

| Month | Manual  | Model   | dil |
|-------|---------|---------|-----|
| Jan   | 2161371 | 2161371 | 0   |
| Feb   | 2161371 | 2161371 | 0   |
| Mar   | 2161371 | 2161371 | 0   |
| Apr   | 2161371 | 2161371 | 0   |
| May   | 2161371 | 2161371 | 0   |
| Jun   | 2161371 | 2161371 | 0   |
| Jul   | 2161371 | 2161371 | 0   |
| Aug   | 2161371 | 2161371 | 0   |
| Sep   | 2161371 | 2161371 | 0   |
| Oct   | 2161371 | 2161371 | 0   |
| Nov   | 2161371 | 2161371 | 0   |
| Dec   | 2161371 | 2161371 | 0   |

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

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

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 19452342 | 19452342 | 0   |
| Feb   | 19452342 | 19452342 | 0   |
| Mar   | 19452342 | 19452342 | 0   |
| Apr   | 19452342 | 19452342 | 0   |
| May   | 19452342 | 19452342 | 0   |
| Jun   | 19452342 | 19452342 | 0   |
| Jul   | 19452342 | 19452342 | 0   |
| Aug   | 19452342 | 19452342 | 0   |
| Sep   | 19452342 | 19452342 | 0   |
| Oct   | 19452342 | 19452342 | 0   |
| Nov   | 19452342 | 19452342 | 0   |
| Dec   | 19452342 | 19452342 | 0   |