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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 0.108675 | 0.108675 | 0   |
| Feb   | 0.108675 | 0.108675 | 0   |
| Mar   | 0.108675 | 0.108675 | 0   |
| Apr   | 0.108675 | 0.108675 | 0   |
| May   | 0.108675 | 0.108675 | 0   |
| Jun   | 0.108675 | 0.108675 | 0   |
| Jul   | 0.108675 | 0.108675 | 0   |
| Aug   | 0.108675 | 0.108675 | 0   |
| Sep   | 0.108675 | 0.108675 | 0   |
| Oct   | 0.108675 | 0.108675 | 0   |
| Nov   | 0.108675 | 0.108675 | 0   |
| Dec   | 0.108675 | 0.108675 | 0   |

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

| Month | Manual     | Model      | dil |
|-------|------------|------------|-----|
| Jan   | 0.07471881 | 0.07471881 | 0   |
| Feb   | 0.07471881 | 0.07471881 | 0   |
| Mar   | 0.07471881 | 0.07471881 | 0   |
| Apr   | 0.07471881 | 0.07471881 | 0   |
| May   | 0.07471881 | 0.07471881 | 0   |
| Jun   | 0.07471881 | 0.07471881 | 0   |
| Jul   | 0.07471881 | 0.07471881 | 0   |
| Aug   | 0.07471881 | 0.07471881 | 0   |
| Sep   | 0.07471881 | 0.07471881 | 0   |
| Oct   | 0.07471881 | 0.07471881 | 0   |
| Nov   | 0.07471881 | 0.07471881 | 0   |
| Dec   | 0.07471881 | 0.07471881 | 0   |

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

| Month | Manual     | Model      | dil |
|-------|------------|------------|-----|
| Jan   | 0.03395619 | 0.03395619 | 0   |
| Feb   | 0.03395619 | 0.03395619 | 0   |
| Mar   | 0.03395619 | 0.03395619 | 0   |
| Apr   | 0.03395619 | 0.03395619 | 0   |
| May   | 0.03395619 | 0.03395619 | 0   |
| Jun   | 0.03395619 | 0.03395619 | 0   |
| Jul   | 0.03395619 | 0.03395619 | 0   |
| Aug   | 0.03395619 | 0.03395619 | 0   |
| Sep   | 0.03395619 | 0.03395619 | 0   |
| Oct   | 0.03395619 | 0.03395619 | 0   |
| Nov   | 0.03395619 | 0.03395619 | 0   |
| Dec   | 0.03395619 | 0.03395619 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 21370.94 | 21370.94 | 0   |
| Feb   | 21370.94 | 21370.94 | 0   |
| Mar   | 21370.94 | 21370.94 | 0   |
| Apr   | 21370.94 | 21370.94 | 0   |
| May   | 21370.94 | 21370.94 | 0   |
| Jun   | 21370.94 | 21370.94 | 0   |
| Jul   | 21370.94 | 21370.94 | 0   |
| Aug   | 21370.94 | 21370.94 | 0   |
| Sep   | 21370.94 | 21370.94 | 0   |
| Oct   | 21370.94 | 21370.94 | 0   |
| Nov   | 21370.94 | 21370.94 | 0   |
| Dec   | 21370.94 | 21370.94 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 14693.45 | 14693.45 | 0   |
| Feb   | 14693.45 | 14693.45 | 0   |
| Mar   | 14693.45 | 14693.45 | 0   |
| Apr   | 14693.45 | 14693.45 | 0   |
| May   | 14693.45 | 14693.45 | 0   |
| Jun   | 14693.45 | 14693.45 | 0   |
| Jul   | 14693.45 | 14693.45 | 0   |
| Aug   | 14693.45 | 14693.45 | 0   |
| Sep   | 14693.45 | 14693.45 | 0   |
| Oct   | 14693.45 | 14693.45 | 0   |
| Nov   | 14693.45 | 14693.45 | 0   |
| Dec   | 14693.45 | 14693.45 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 6677.485 | 6677.485 | 0   |
| Feb   | 6677.485 | 6677.485 | 0   |
| Mar   | 6677.485 | 6677.485 | 0   |
| Apr   | 6677.485 | 6677.485 | 0   |
| May   | 6677.485 | 6677.485 | 0   |
| Jun   | 6677.485 | 6677.485 | 0   |
| Jul   | 6677.485 | 6677.485 | 0   |
| Aug   | 6677.485 | 6677.485 | 0   |
| Sep   | 6677.485 | 6677.485 | 0   |
| Oct   | 6677.485 | 6677.485 | 0   |
| Nov   | 6677.485 | 6677.485 | 0   |
| Dec   | 6677.485 | 6677.485 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 1014.041 | 1014.041 | 0   |
| Feb   | 1014.041 | 1014.041 | 0   |
| Mar   | 1014.041 | 1014.041 | 0   |
| Apr   | 1014.041 | 1014.041 | 0   |
| May   | 1014.041 | 1014.041 | 0   |
| Jun   | 1014.041 | 1014.041 | 0   |
| Jul   | 1014.041 | 1014.041 | 0   |
| Aug   | 1014.041 | 1014.041 | 0   |
| Sep   | 1014.041 | 1014.041 | 0   |
| Oct   | 1014.041 | 1014.041 | 0   |
| Nov   | 1014.041 | 1014.041 | 0   |
| Dec   | 1014.041 | 1014.041 | 0   |

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

| Month | Manual   | Model    | dil |
|-------|----------|----------|-----|
| Jan   | 9126.369 | 9126.369 | 0   |
| Feb   | 9126.369 | 9126.369 | 0   |
| Mar   | 9126.369 | 9126.369 | 0   |
| Apr   | 9126.369 | 9126.369 | 0   |
| May   | 9126.369 | 9126.369 | 0   |
| Jun   | 9126.369 | 9126.369 | 0   |
| Jul   | 9126.369 | 9126.369 | 0   |
| Aug   | 9126.369 | 9126.369 | 0   |
| Sep   | 9126.369 | 9126.369 | 0   |
| Oct   | 9126.369 | 9126.369 | 0   |
| Nov   | 9126.369 | 9126.369 | 0   |
| Dec   | 9126.369 | 9126.369 | 0   |