

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

Month	Manual	Model	dil
Jan	21.53300	21.53300	0
Feb	0.21533	0.21533	0
Mar	0.21533	0.21533	0
Apr	0.21533	0.21533	0
May	21.53300	21.53300	0
Jun	21.53300	21.53300	0
Jul	21.53300	21.53300	0
Aug	0.21533	0.21533	0
Sep	0.21533	0.21533	0
Oct	0.21533	0.21533	0
Nov	21.53300	21.53300	0
Dec	21.53300	21.53300	0

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

Month	Manual	Model	dil
Jan	2.1533e-05	2.1533e-05	0
Feb	2.1533e-07	2.1533e-07	0
Mar	2.1533e-07	2.1533e-07	0
Apr	2.1533e-07	2.1533e-07	0
May	2.1533e-05	2.1533e-05	0
Jun	2.1533e-05	2.1533e-05	0
Jul	2.1533e-05	2.1533e-05	0
Aug	2.1533e-07	2.1533e-07	0
Sep	2.1533e-07	2.1533e-07	0
Oct	2.1533e-07	2.1533e-07	0
Nov	2.1533e-05	2.1533e-05	0
Dec	2.1533e-05	2.1533e-05	0

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

Month	Manual	Model	dil
Jan	21.5329785	21.5329785	0
Feb	0.2153298	0.2153298	0
Mar	0.2153298	0.2153298	0
Apr	0.2153298	0.2153298	0
May	21.5329785	21.5329785	0
Jun	21.5329785	21.5329785	0
Jul	21.5329785	21.5329785	0
Aug	0.2153298	0.2153298	0
Sep	0.2153298	0.2153298	0
Oct	0.2153298	0.2153298	0
Nov	21.5329785	21.5329785	0
Dec	21.5329785	21.5329785	0

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

Month	Manual	Model	dil
Jan	17226400000	17226400646	0
Feb	172264000	172264006	0
Mar	172264000	172264006	0
Apr	172264000	172264006	0
May	17226400000	17226400646	0
Jun	17226400000	17226400646	0
Jul	17226400000	17226400646	0
Aug	172264000	172264006	0
Sep	172264000	172264006	0
Oct	172264000	172264006	0
Nov	17226400000	17226400646	0
Dec	17226400000	17226400646	0

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

Month	Manual	Model	dil
Jan	17226.400	17226.401	0
Feb	172.264	172.264	0
Mar	172.264	172.264	0
Apr	172.264	172.264	0
May	17226.400	17226.401	0
Jun	17226.400	17226.401	0
Jul	17226.400	17226.401	0
Aug	172.264	172.264	0
Sep	172.264	172.264	0
Oct	172.264	172.264	0
Nov	17226.400	17226.401	0
Dec	17226.400	17226.401	0

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

Month	Manual	Model	dil
Jan	17226382774	17226383420	0
Feb	172263828	172263834	0
Mar	172263828	172263834	0
Apr	172263828	172263834	0
May	17226382774	17226383420	0
Jun	17226382774	17226383420	0
Jul	17226382774	17226383420	0
Aug	172263828	172263834	0
Sep	172263828	172263834	0
Oct	172263828	172263834	0
Nov	17226382774	17226383420	0
Dec	17226382774	17226383420	0

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

Month	Manual	Model	dil
Jan	20.0	20.0	0
Feb	0.2	0.2	0
Mar	0.2	0.2	0
Apr	0.2	0.2	0
May	20.0	20.0	0
Jun	20.0	20.0	0
Jul	20.0	20.0	0
Aug	0.2	0.2	0
Sep	0.2	0.2	0
Oct	0.2	0.2	0
Nov	20.0	20.0	0
Dec	20.0	20.0	0

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

Month	Manual	Model	dil
Jan	20.0	20.0	0
Feb	0.2	0.2	0
Mar	0.2	0.2	0
Apr	0.2	0.2	0
May	20.0	20.0	0
Jun	20.0	20.0	0
Jul	20.0	20.0	0
Aug	0.2	0.2	0
Sep	0.2	0.2	0
Oct	0.2	0.2	0
Nov	20.0	20.0	0
Dec	20.0	20.0	0



Bacteria load to land as accum for RAOCUT from duck (dil = 1E+06)

Month	Manual	Model	dil
Jan	20.0	20.0	0
Feb	0.2	0.2	0
Mar	0.2	0.2	0
Apr	0.2	0.2	0
May	20.0	20.0	0
Jun	20.0	20.0	0
Jul	20.0	20.0	0
Aug	0.2	0.2	0
Sep	0.2	0.2	0
Oct	0.2	0.2	0
Nov	20.0	20.0	0
Dec	20.0	20.0	0

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

Month	Manual	Model	dil
Jan	180.0	180.0	0
Feb	1.8	1.8	0
Mar	1.8	1.8	0
Apr	1.8	1.8	0
May	180.0	180.0	0
Jun	180.0	180.0	0
Jul	180.0	180.0	0
Aug	1.8	1.8	0
Sep	1.8	1.8	0
Oct	1.8	1.8	0
Nov	180.0	180.0	0
Dec	180.0	180.0	0

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

Month	Manual	Model	dil
Jan	180.0	180.0	0
Feb	1.8	1.8	0
Mar	1.8	1.8	0
Apr	1.8	1.8	0
May	180.0	180.0	0
Jun	180.0	180.0	0
Jul	180.0	180.0	0
Aug	1.8	1.8	0
Sep	1.8	1.8	0
Oct	1.8	1.8	0
Nov	180.0	180.0	0
Dec	180.0	180.0	0

Bacteria load limit to land as accum for RAOCUT from duck (dil = 1E+06)

Month	Manual	Model	dil
Jan	180.0	180.0	0
Feb	1.8	1.8	0
Mar	1.8	1.8	0
Apr	1.8	1.8	0
May	180.0	180.0	0
Jun	180.0	180.0	0
Jul	180.0	180.0	0
Aug	1.8	1.8	0
Sep	1.8	1.8	0
Oct	1.8	1.8	0
Nov	180.0	180.0	0
Dec	180.0	180.0	0