

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

Month	Manual	Model	dil
Jan	34.04800	34.04800	0
Feb	0.34048	0.34048	0
Mar	0.34048	0.34048	0
Apr	0.34048	0.34048	0
May	34.04800	34.04800	0
Jun	34.04800	34.04800	0
Jul	34.04800	34.04800	0
Aug	0.34048	0.34048	0
Sep	0.34048	0.34048	0
Oct	0.34048	0.34048	0
Nov	34.04800	34.04800	0
Dec	34.04800	34.04800	0

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

Month	Manual	Model	dil
Jan	3.4048e-05	3.4048e-05	0
Feb	3.4048e-07	3.4048e-07	0
Mar	3.4048e-07	3.4048e-07	0
Apr	3.4048e-07	3.4048e-07	0
May	3.4048e-05	3.4048e-05	0
Jun	3.4048e-05	3.4048e-05	0
Jul	3.4048e-05	3.4048e-05	0
Aug	3.4048e-07	3.4048e-07	0
Sep	3.4048e-07	3.4048e-07	0
Oct	3.4048e-07	3.4048e-07	0
Nov	3.4048e-05	3.4048e-05	0
Dec	3.4048e-05	3.4048e-05	0

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

Month	Manual	Model	dil
Jan	34.0479660	34.0479660	0
Feb	0.3404797	0.3404797	0
Mar	0.3404797	0.3404797	0
Apr	0.3404797	0.3404797	0
May	34.0479660	34.0479660	0
Jun	34.0479660	34.0479660	0
Jul	34.0479660	34.0479660	0
Aug	0.3404797	0.3404797	0
Sep	0.3404797	0.3404797	0
Oct	0.3404797	0.3404797	0
Nov	34.0479660	34.0479660	0
Dec	34.0479660	34.0479660	0

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

Month	Manual	Model	dil
Jan	27238400000	27238401021	0
Feb	272384000	272384010	0
Mar	272384000	272384010	0
Apr	272384000	272384010	0
May	27238400000	27238401021	0
Jun	27238400000	27238401021	0
Jul	27238400000	27238401021	0
Aug	272384000	272384010	0
Sep	272384000	272384010	0
Oct	272384000	272384010	0
Nov	27238400000	27238401021	0
Dec	27238400000	27238401021	0

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

Month	Manual	Model	dil
Jan	27238.400	27238.401	0
Feb	272.384	272.384	0
Mar	272.384	272.384	0
Apr	272.384	272.384	0
May	27238.400	27238.401	0
Jun	27238.400	27238.401	0
Jul	27238.400	27238.401	0
Aug	272.384	272.384	0
Sep	272.384	272.384	0
Oct	272.384	272.384	0
Nov	27238.400	27238.401	0
Dec	27238.400	27238.401	0

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

Month	Manual	Model	dil
Jan	27238372762	27238373783	0
Feb	272383728	272383738	0
Mar	272383728	272383738	0
Apr	272383728	272383738	0
May	27238372762	27238373783	0
Jun	27238372762	27238373783	0
Jul	27238372762	27238373783	0
Aug	272383728	272383738	0
Sep	272383728	272383738	0
Oct	272383728	272383738	0
Nov	27238372762	27238373783	0
Dec	27238372762	27238373783	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