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

Month	Manual	Model	dil
Jan	40.855500	40.855500	0
Feb	0.408555	0.408555	0
Mar	0.408555	0.408555	0
Apr	0.408555	0.408555	0
May	40.855500	40.855500	0
Jun	40.855500	40.855500	0
Jul	40.855500	40.855500	0
Aug	0.408555	0.408555	0
Sep	0.408555	0.408555	0
Oct	0.408555	0.408555	0
Nov	40.855500	40.855500	0
Dec	40.855500	40.855500	0

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

Month	Manual	Model	dil
Jan	4.08555e−05	4.08555e−05	0
Feb	4.08555e−07	4.08555e−07	0
Mar	4.08555e−07	4.08555e−07	0
Apr	4.08555e−07	4.08555e−07	0
May	4.08555e−05	4.08555e−05	0
Jun	4.08555e−05	4.08555e−05	0
Jul	4.08555e−05	4.08555e−05	0
Aug	4.08555e−07	4.08555e−07	0
Sep	4.08555e−07	4.08555e−07	0
Oct	4.08555e−07	4.08555e−07	0
Nov	4.08555e−05	4.08555e−05	0
Dec	4.08555e−05	4.08555e−05	0

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

Month	Manual	Model	dil
Jan	40.8554591	40.8554591	0
Feb	0.4085546	0.4085546	0
Mar	0.4085546	0.4085546	0
Apr	0.4085546	0.4085546	0
May	40.8554591	40.8554591	0
Jun	40.8554591	40.8554591	0
Jul	40.8554591	40.8554591	0
Aug	0.4085546	0.4085546	0
Sep	0.4085546	0.4085546	0
Oct	0.4085546	0.4085546	0
Nov	40.8554591	40.8554591	0
Dec	40.8554591	40.8554591	0

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

Month	Manual	Model	dil
Jan	32684400000	32684401226	0
Feb	326844000	326844012	0
Mar	326844000	326844012	0
Apr	326844000	326844012	0
May	32684400000	32684401226	0
Jun	32684400000	32684401226	0
Jul	32684400000	32684401226	0
Aug	326844000	326844012	0
Sep	326844000	326844012	0
Oct	326844000	326844012	0
Nov	32684400000	32684401226	0
Dec	32684400000	32684401226	0

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

Month	Manual	Model	dil
Jan	32684.400	32684.401	0
Feb	326.844	326.844	0
Mar	326.844	326.844	0
Apr	326.844	326.844	0
May	32684.400	32684.401	0
Jun	32684.400	32684.401	0
Jul	32684.400	32684.401	0
Aug	326.844	326.844	0
Sep	326.844	326.844	0
Oct	326.844	326.844	0
Nov	32684.400	32684.401	0
Dec	32684.400	32684.401	0

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

Month	Manual	Model	dil
Jan	32684367316	32684368541	0
Feb	326843673	326843685	0
Mar	326843673	326843685	0
Apr	326843673	326843685	0
May	32684367316	32684368541	0
Jun	32684367316	32684368541	0
Jul	32684367316	32684368541	0
Aug	326843673	326843685	0
Sep	326843673	326843685	0
Oct	326843673	326843685	0
Nov	32684367316	32684368541	0
Dec	32684367316	32684368541	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