UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUN 23 1983

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

TO: James D. Felkel
Wildlife Biologist
Ecological Effects Branch
Hazard Evaluation Division (TS-769)

SUBJECT: Estimated Environmental Concentrations (EEC) for Terbufos in a River

THRU: Carolyn K. Offutt, Chief
Environmental Processes and Guidelines Section
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

This is an addendum to my memorandum of June 20, 1983, regarding the estimation of environmental concentrations of terbufos in a river by the EXAMS Pulse model. [V2.0; Mode 2 (Exposure Analysis Modeling System].

The same daily runoff data estimated by the SWRRB model for the two basins (COSH115 and Tifton) were used for estimation of environmental concentrations in a river for terbufos by EXAM pulse model.

Under the given assumptions, the maximum concentration of terbufos expected on a short-term basis as the result of runoff would be as follows:

(1) no higher than around 0.21 ppb (application rate = 1.25 lb a.i./A) and 0.13 ppb (application rate = 0.784 lb a.i./A) dissolved in the water column in the year 1957 (wet year) in the COSH115 basin of Ohio.

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(2) no higher than around 78 ppt (application rate = 1.25 a.i./A) and 34 ppt (application rate = 0.784 lb a.i./A) for the year 1970 (wet year) and 23 ppt (application rate = 1.25 lb a.i./A) for the year 1971 (dry year) in the Tifton basin of Georgia.

If you have any questions, please contact me or Carolyn Offutt at (557-7347).

PRDatta

Padma R. Datta
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

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MASS: DAY  129  0.000001 kg
MASS: DAY  134  0.014 kg.
MASS: DAY  159  0.001 kg.
MASS. DAY  163  0.190 kg.
MASS: DAY  164  0.051 kg.
MASS: DAY  175  0.051 kg.
MASS: DAY  180  0.105 kg.
MASS: DAY  189  0.001 kg.
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System:   RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957.
BASIN: COSH115
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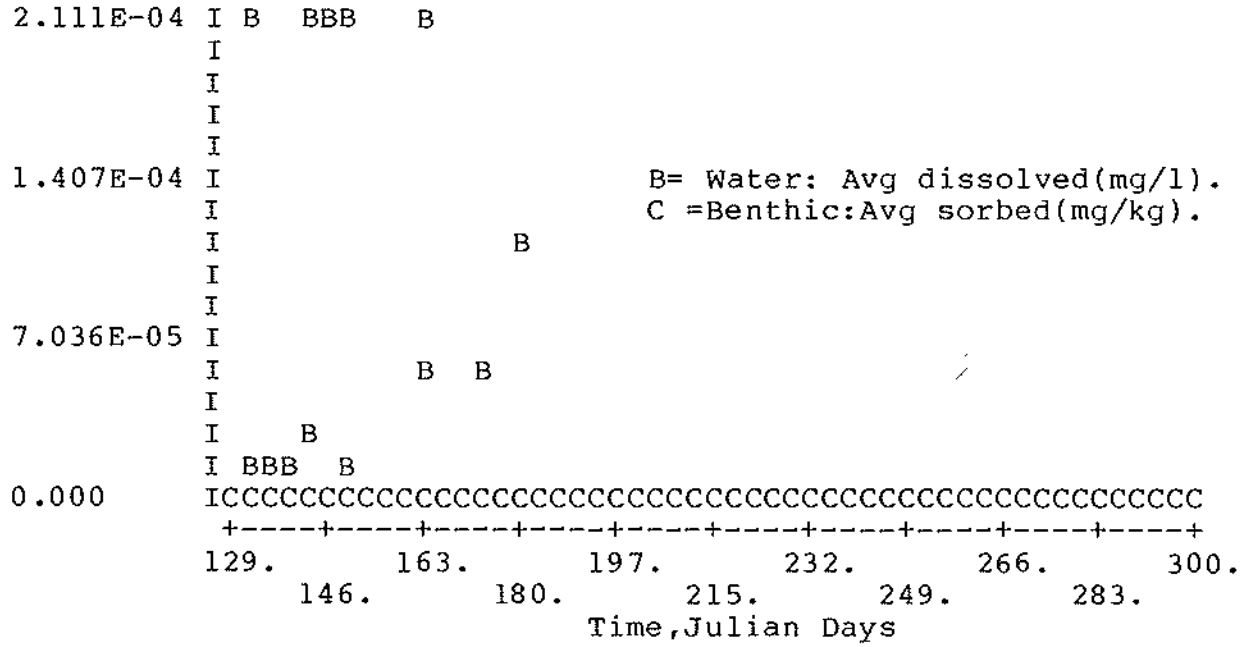

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957.
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Initial Mass Input 0.000001 kg.						
129.	1.111E-09	7.607E-10	0.000	0.000	1.0000E-06	0.000
130.	-1.460E-05	-9.891E-06	6.830E-09	4.617E-08	-1.3141E-02	9.864E-07
131.	-4.077E-06	-2.793E-06	1.951E-09	1.309E-08	-3.6694E-03	2.797E-07
132.	-6.041E-06	-4.140E-06	2.893E-09	1.940E-08	-5.4379E-03	4.147E-07
133.	2.419E-06	1.661E-06	-1.162E-09	-7.783E-09	2.1778E-03	-1.663E-07
Runoff Mass Input 0.014 kg.						
134.	1.851E-05	1.267E-05	-1.416E-09	-9.491E-09	1.6658E-02	-2.028E-07
135.	1.215E-06	8.254E-07	1.418E-08	7.535E-08	1.0932E-03	1.632E-06
136.	7.040E-06	4.802E-06	9.159E-09	4.555E-08	6.3368E-03	9.912E-07
137.	2.058E-06	1.406E-06	1.028E-08	5.434E-08	1.8526E-03	1.178E-06
138.	1.569E-05	1.072E-05	2.809E-09	4.934E-09	1.4120E-02	1.210E-07
139.	1.887E-05	1.292E-05	4.048E-10	-1.047E-08	1.6983E-02	-2.090E-07
140.	-9.595E-06	-6.577E-06	1.326E-08	7.641E-08	-8.6363E-03	1.647E-06
141.	-7.620E-06	-5.234E-06	1.165E-08	6.615E-08	-6.8586E-03	1.427E-06
142.	-1.002E-05	-6.868E-06	1.217E-08	7.025E-08	-9.0167E-03	1.514E-06
143.	-1.572E-06	-1.078E-06	7.577E-09	3.996E-08	-1.4148E-03	8.661E-07
144.	2.114E-05	1.450E-05	-3.813E-09	-3.588E-08	1.9026E-02	-7.553E-07
145.	-3.313E-06	-2.273E-06	7.465E-09	4.019E-08	-2.9822E-03	8.701E-07
146.	2.017E-06	1.384E-06	4.499E-09	2.078E-08	1.8158E-03	4.546E-07
147.	-1.257E-05	-8.630E-06	1.114E-08	6.568E-08	-1.1318E-02	1.414E-06
148.	1.211E-05	8.343E-06	-1.102E-09	-1.579E-08	1.0901E-02	-3.281E-07
149.	-1.251E-11	-8.599E-12	4.450E-09	2.170E-08	-1.1258E-08	4.729E-07
150.	5.561E-13	4.418E-13	4.171E-09	2.021E-08	5.0057E-10	4.407E-07
151.	5.148E-13	4.108E-13	3.919E-09	1.888E-08	4.6343E-10	4.118E-07
152.	4.771E-13	3.823E-13	3.688E-09	1.767E-08	4.2947E-10	3.855E-07
153.	4.429E-13	3.563E-13	3.475E-09	1.656E-08	3.9868E-10	3.614E-07
154.	4.148E-13	3.347E-13	3.291E-09	1.562E-08	3.7336E-10	3.411E-07
155.	3.867E-13	3.132E-13	3.109E-09	1.469E-08	3.4810E-10	3.208E-07
156.	3.624E-13	2.944E-13	2.945E-09	1.387E-08	3.2622E-10	3.029E-07
157.	3.392E-13	2.765E-13	2.788E-09	1.307E-08	3.0535E-10	2.857E-07
158.	3.196E-13	2.612E-13	2.651E-09	1.239E-08	2.8768E-10	2.709E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.251b/A. Year 1957
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Runoff Mass Input 0.001 kg.						
159.	1.111E-06	7.607E-07	2.530E-09	1.180E-08	1.0000E-03	2.579E-07
160.	1.596E-12	1.249E-12	3.472E-09	1.687E-08	1.4369E-09	3.677E-07
161.	6.409E-13	5.089E-13	3.178E-09	1.543E-08	5.7693E-10	3.364E-07
162.	4.753E-13	3.782E-13	2.968E-09	1.435E-08	4.2780E-10	3.128E-07
Runoff Mass Input 0.190 kg						
163.	2.111E-04	1.445E-04	2.784E-09	1.339E-08	0.1900	2.921E-07
RUnoff Mass Input 0.051 kg						
164.	5.666E-05	3.879E-05	2.062E-07	1.100E-06	5.1000E-02	2.383E-05
165.	1.028E-10	7.970E-11	2.287E-07	1.235E-06	9.2506E-08	2.672E-05
166.	5.429E-11	4.133E-11	2.032E-07	1.098E-06	4.8873E-08	2.376E-05
167.	3.825E-11	2.883E-11	1.850E-07	9.928E-07	3.4432E-08	2.150E-05
168.	3.172E-11	2.387E-11	1.704E-07	9.079E-07	2.8549E-08	1.967E-05
169.	2.717E-11	2.047E-11	1.570E-07	8.295E-07	2.4461E-08	1.798E-05
170.	2.436E-11	1.842E-11	1.457E-07	7.636E-07	2.1928E-08	1.656E-05
171.	2.202E-11	1.670E-11	1.356E-07	7.054E-07	1.9818E-08	1.530E-05
172.	2.027E-11	1.543E-11	1.271E-07	6.570E-07	1.8244E-08	1.426E-05
173.	1.852E-11	1.416E-11	1.186E-07	6.087E-07	1.6670E-08	1.322E-05
174.	1.688E-11	1.296E-11	1.105E-07	5.628E-07	1.5191E-08	1.223E-05
Runoff Mass Input 0.051 kg.						
175.	5.666E-05	3.879E-05	1.040E-07	5.268E-07	5.1000E-02	1.145E-05
176.	5.958E-11	4.668E-11	1.516E-07	7.787E-07	5.3627E-08	1.691E-05
177.	3.194E-11	2.475E-11	1.368E-07	7.019E-07	2.8748E-08	1.524E-05
178.	2.284E-11	1.763E-11	1.260E-07	6.427E-07	2.0563E-08	1.396E-05
179.	1.919E-11	1.483E-11	1.173E-07	5.942E-07	1.7272E-08	1.292E-05
Runoff Mass Input 0.105 kg.						
180.	1.167E-04	7.987E-05	1.092E-07	5.492E-07	0.1050	1.194E-05
181.	1.094E-10	8.586E-11	2.148E-07	1.111E-06	9.8450E-08	2.411E-05
182.	5.273E-11	4.087E-11	1.910E-07	9.900E-07	4.7463E-08	2.148E-05
183.	3.483E-11	2.680E-11	1.748E-07	9.013E-07	3.1349E-08	1.957E-05
184.	2.835E-11	2.180E-11	1.622E-07	8.307E-07	2.5518E-08	1.804E-05
185.	2.405E-11	1.852E-11	1.506E-07	7.657E-07	2.1645E-08	1.664E-05
186.	2.154E-11	1.665E-11	1.406E-07	7.097E-07	1.9393E-08	1.543E-05
187.	1.960E-11	1.521E-11	1.319E-07	6.614E-07	1.7643E-08	1.438E-05
188.	1.812E-11	1.411E-11	1.242E-07	6.194E-07	1.6312E-08	1.348E-05

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Runoff Mass Input 0.001 kg.						
189.	1.111E-06	7.607E-07	1.165E-07	5.774E-07	1.0000E-03	1.257E-05
190.	1.648E-11	1.293E-11	1.099E-07	5.410E-07	1.4832E-08	1.178E-05
191.	1.430E-11	1.128E-11	1.028E-07	5.027E-07	1.2874E-08	1.095E-05
192.	1.308E-11	1.037E-11	9.648E-08	4.690E-07	1.1778E-08	1.022E-05
193.	1.205E-11	9.589E-12	9.066E-08	4.381E-07	1.0846E-08	9.554E-06
194.	1.114E-11	8.903E-12	8.527E-08	4.098E-07	1.0027E-08	8.939E-06
195.	1.042E-11	8.356E-12	8.076E-08	3.864E-07	9.3807E-09	8.433E-06
196.	9.709E-12	7.814E-12	7.626E-08	3.632E-07	8.7397E-09	7.929E-06
197.	9.061E-12	7.318E-12	7.209E-08	3.418E-07	8.1560E-09	7.465E-06
198.	8.491E-12	6.879E-12	6.831E-08	3.227E-07	7.6430E-09	7.048E-06
199.	7.921E-12	6.440E-12	6.453E-08	3.035E-07	7.1299E-09	6.632E-06
200.	7.514E-12	6.122E-12	6.165E-08	2.893E-07	6.7637E-09	6.322E-06
201.	7.121E-12	5.813E-12	5.885E-08	2.754E-07	6.4097E-09	6.020E-06
202.	6.727E-12	5.505E-12	5.604E-08	2.616E-07	6.0557E-09	5.719E-06
203.	6.334E-12	5.196E-12	5.324E-08	2.478E-07	5.7018E-09	5.418E-06
204.	5.941E-12	4.888E-12	5.044E-08	2.339E-07	5.3478E-09	5.117E-06
205.	5.648E-12	4.655E-12	4.823E-08	2.233E-07	5.0838E-09	4.884E-06
206.	5.369E-12	4.432E-12	4.611E-08	2.130E-07	4.8328E-09	4.661E-06
207.	5.090E-12	4.210E-12	4.399E-08	2.028E-07	4.5818E-09	4.438E-06
208.	4.811E-12	3.987E-12	4.186E-08	1.926E-07	4.3308E-09	4.215E-06
209.	4.532E-12	3.765E-12	3.974E-08	1.824E-07	4.0797E-09	3.992E-06
210.	4.348E-12	3.616E-12	3.826E-08	1.754E-07	3.9141E-09	3.839E-06
211.	4.184E-12	3.482E-12	3.691E-08	1.691E-07	3.7664E-09	3.701E-06
212.	4.020E-12	3.348E-12	3.556E-08	1.627E-07	3.6187E-09	3.563E-06
213.	3.856E-12	3.215E-12	3.421E-08	1.564E-07	3.4711E-09	3.425E-06
214.	3.692E-12	3.081E-12	3.286E-08	1.501E-07	3.3234E-09	3.286E-06
215.	3.528E-12	2.947E-12	3.152E-08	1.438E-07	3.1757E-09	3.148E-06
216.	3.364E-12	2.813E-12	3.017E-08	1.374E-07	3.0280E-09	3.010E-06
217.	3.200E-12	2.680E-12	2.882E-08	1.311E-07	2.8804E-09	2.872E-06

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
218.	3.036E-12	2.546E-12	2.747E-08	1.248E-07	2.7327E-09	2.733E-06
219.	2.872E-12	2.412E-12	2.612E-08	1.185E-07	2.5850E-09	2.595E-06
220.	2.771E-12	2.329E-12	2.524E-08	1.144E-07	2.4941E-09	2.507E-06
221.	2.670E-12	2.245E-12	2.436E-08	1.104E-07	2.4032E-09	2.418E-06
222.	2.569E-12	2.161E-12	2.348E-08	1.063E-07	2.3123E-09	2.330E-06
223.	2.468E-12	2.077E-12	2.261E-08	1.023E-07	2.2214E-09	2.241E-06
224.	2.367E-12	1.994E-12	2.173E-08	9.825E-08	2.1304E-09	2.153E-06
225.	2.266E-12	1.910E-12	2.085E-08	9.420E-08	2.0395E-09	2.064E-06
226.	2.165E-12	1.826E-12	1.997E-08	9.016E-08	1.9486E-09	1.976E-06
227.	2.064E-12	1.743E-12	1.909E-08	8.612E-08	1.8577E-09	1.887E-06
228.	1.963E-12	1.659E-12	1.821E-08	8.208E-08	1.7668E-09	1.799E-06
229.	1.868E-12	1.580E-12	1.738E-08	7.827E-08	1.6813E-09	1.716E-06
230.	1.802E-12	1.525E-12	1.679E-08	7.557E-08	1.6220E-09	1.656E-06
231.	1.736E-12	1.470E-12	1.619E-08	7.286E-08	1.5626E-09	1.597E-06
232.	1.670E-12	1.414E-12	1.560E-08	7.016E-08	1.5032E-09	1.538E-06
233.	1.604E-12	1.359E-12	1.501E-08	6.746E-08	1.4439E-09	1.479E-06
234.	1.538E-12	1.304E-12	1.441E-08	6.476E-08	1.3845E-09	1.420E-06
235.	1.472E-12	1.249E-12	1.382E-08	6.205E-08	1.3251E-09	1.360E-06
236.	1.406E-12	1.193E-12	1.322E-08	5.935E-08	1.2657E-09	1.301E-06
237.	1.340E-12	1.138E-12	1.263E-08	5.665E-08	1.2064E-09	1.242E-06
238.	1.274E-12	1.083E-12	1.203E-08	5.395E-08	1.1470E-09	1.183E-06
239.	1.231E-12	1.046E-12	1.163E-08	5.212E-08	1.1077E-09	1.143E-06
240.	1.187E-12	1.009E-12	1.122E-08	5.029E-08	1.0684E-09	1.103E-06
241.	1.143E-12	9.721E-13	1.082E-08	4.845E-08	1.0290E-09	1.063E-06
242.	1.100E-12	9.352E-13	1.041E-08	4.662E-08	9.8972E-10	1.022E-06
243.	1.056E-12	8.983E-13	1.000E-08	4.479E-08	9.5040E-10	9.822E-07
244.	1.012E-12	8.614E-13	9.598E-09	4.296E-08	9.1109E-10	9.421E-07
245.	9.685E-13	8.245E-13	9.192E-09	4.113E-08	8.7177E-10	9.020E-07
246.	9.248E-13	7.876E-13	8.786E-09	3.930E-08	8.3245E-10	8.618E-07
247.	8.811E-13	7.507E-13	8.380E-09	3.747E-08	7.9313E-10	8.217E-07
248.	8.495E-13	7.239E-13	8.083E-09	3.614E-08	7.6466E-10	7.925E-07
249.	8.204E-13	6.992E-13	7.810E-09	3.491E-08	7.3847E-10	7.657E-07
250.	7.913E-13	6.745E-13	7.537E-09	3.368E-08	7.1228E-10	7.388E-07
251.	7.622E-13	6.498E-13	7.264E-09	3.246E-08	6.8609E-10	7.119E-07
252.	7.331E-13	6.251E-13	6.991E-09	3.123E-08	6.5990E-10	6.851E-07
253.	7.040E-13	6.004E-13	6.718E-09	3.001E-08	6.3371E-10	6.582E-07
254.	6.749E-13	5.757E-13	6.445E-09	2.878E-08	6.0752E-10	6.313E-07
255.	6.458E-13	5.510E-13	6.172E-09	2.756E-08	5.8133E-10	6.045E-07

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Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
256.	6.167E-13	5.263E-13	5.899E-09	2.633E-08	5.5514E-10	5.776E-07
257.	5.876E-13	5.016E-13	5.626E-09	2.511E-08	5.2895E-10	5.508E-07
258.	5.682E-13	4.851E-13	5.442E-09	2.428E-08	5.1149E-10	5.327E-07
259.	5.488E-13	4.686E-13	5.258E-09	2.346E-08	4.9403E-10	5.146E-07
260.	5.294E-13	4.520E-13	5.073E-09	2.264E-08	4.7658E-10	4.965E-07
261.	5.100E-13	4.355E-13	4.889E-09	2.181E-08	4.5912E-10	4.784E-07
262.	4.906E-13	4.190E-13	4.705E-09	2.099E-08	4.4166E-10	4.603E-07
263.	4.713E-13	4.025E-13	4.520E-09	2.016E-08	4.2420E-10	4.423E-07
264.	4.519E-13	3.860E-13	4.336E-09	1.934E-08	4.0674E-10	4.242E-07
265.	4.325E-13	3.695E-13	4.152E-09	1.851E-08	3.8929E-10	4.061E-07
266.	4.131E-13	3.529E-13	3.967E-09	1.769E-08	3.7183E-10	3.880E-07
267.	3.947E-13	3.373E-13	3.793E-09	1.691E-08	3.5532E-10	3.709E-07
268.	3.814E-13	3.259E-13	3.665E-09	1.634E-08	3.4331E-10	3.584E-07
269.	3.680E-13	3.145E-13	3.538E-09	1.577E-08	3.3130E-10	3.459E-07
270.	3.547E-13	3.032E-13	3.410E-09	1.520E-08	3.1929E-10	3.335E-07
271.	3.414E-13	2.918E-13	3.283E-09	1.463E-08	3.0729E-10	3.210E-07
272.	3.280E-13	2.804E-13	3.155E-09	1.406E-08	2.9528E-10	3.085E-07
273.	3.147E-13	2.690E-13	3.028E-09	1.349E-08	2.8327E-10	2.960E-07
274.	3.014E-13	2.576E-13	2.900E-09	1.292E-08	2.7126E-10	2.835E-07
275.	2.880E-13	2.462E-13	2.773E-09	1.235E-08	2.5925E-10	2.710E-07
276.	2.747E-13	2.349E-13	2.645E-09	1.179E-08	2.4725E-10	2.585E-07
277.	2.655E-13	2.270E-13	2.557E-09	1.139E-08	2.3898E-10	2.499E-07
278.	2.563E-13	2.192E-13	2.469E-09	1.100E-08	2.3071E-10	2.413E-07
279.	2.471E-13	2.113E-13	2.380E-09	1.060E-08	2.2244E-10	2.326E-07
280.	2.379E-13	2.035E-13	2.292E-09	1.021E-08	2.1417E-10	2.240E-07
281.	2.287E-13	1.956E-13	2.204E-09	9.816E-09	2.0590E-10	2.154E-07
282.	2.196E-13	1.878E-13	2.115E-09	9.423E-09	1.9763E-10	2.067E-07

-CONT-

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 1.25lb/A. Year 1957
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
283.	2.104E-13	1.799E-13	2.027E-09	9.029E-09	1.8937E-10	1.981E-07
284.	2.012E-13	1.721E-13	1.939E-09	8.635E-09	1.8110E-10	1.894E-07
285.	1.920E-13	1.642E-13	1.851E-09	8.241E-09	1.7283E-10	1.808E-07
286.	1.853E-13	1.585E-13	1.786E-09	7.952E-09	1.6676E-10	1.745E-07
287.	1.790E-13	1.532E-13	1.726E-09	7.685E-09	1.6115E-10	1.686E-07
288.	1.728E-13	1.478E-13	1.666E-09	7.418E-09	1.5554E-10	1.627E-07
289.	1.666E-13	1.425E-13	1.606E-09	7.151E-09	1.4993E-10	1.569E-07
290.	1.603E-13	1.372E-13	1.546E-09	6.884E-09	1.4432E-10	1.510E-07
291.	1.541E-13	1.318E-13	1.486E-09	6.617E-09	1.3872E-10	1.452E-07
292.	1.479E-13	1.265E-13	1.426E-09	6.350E-09	1.3311E-10	1.393E-07
293.	1.416E-13	1.212E-13	1.366E-09	6.083E-09	1.2750E-10	1.335E-07
294.	1.354E-13	1.159E-13	1.306E-09	5.816E-09	1.2189E-10	1.276E-07
295.	1.292E-13	1.105E-13	1.246E-09	5.549E-09	1.1628E-10	1.217E-07
296.	1.250E-13	1.069E-13	1.206E-09	5.368E-09	1.1248E-10	1.178E-07
297.	1.207E-13	1.033E-13	1.165E-09	5.187E-09	1.0868E-10	1.138E-07
298.	1.165E-13	9.971E-14	1.124E-09	5.006E-09	1.0488E-10	1.098E-07
299.	1.123E-13	9.610E-14	1.084E-09	4.825E-09	1.0109E-10	1.058E-07
300.	1.081E-13	9.249E-14	1.043E-09	4.644E-09	9.7287E-11	1.019E-07

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MASS: DAY   128   0.0000001 kg.
MASS: DAY   134   0.009 kg.
MASS: DAY   159   0.001 kg.
MASS: DAY   163   0.117 kg.
MASS: DAY   164   0.032 kg.
MASS: DAY   175   0.032 kg.
MASS: DAY   179   0.065 kg.
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System:   RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R.= 0.784lb/A. Year 1957.
Basin: COSH115
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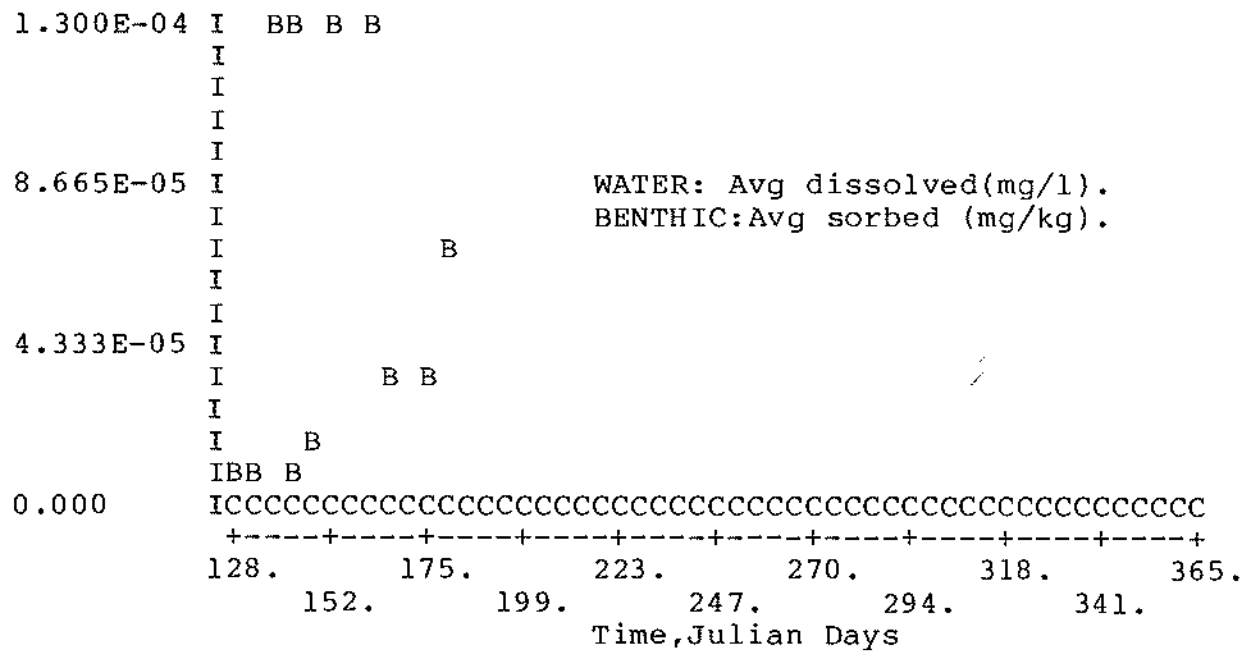

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS, A.R. =0.784lb/A. Year 1957.
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Initial Mass Input 0.000001 kg.						
128.	-4.296E-07	-2.942E-07	1.057E-06	3.910E-06	-3.8671E-04	8.712E-05
129.	5.221E-06	3.647E-06	1.723E-07	6.289E-07	4.6995E-03	1.403E-05
130.	2.708E-06	1.755E-06	2.761E-08	9.781E-08	2.4374E-03	2.188E-06
131.	-2.463E-06	-1.691E-06	5.755E-09	2.443E-08	-2.2172E-03	5.379E-07
132.	4.119E-06	2.837E-06	-1.412E-09	-1.153E-08	3.7072E-03	-2.441E-07
133.	-4.323E-06	-2.952E-06	1.989E-09	1.325E-08	-3.8912E-03	2.833E-07
Runoff Mass Input 0.009 kg.						
134.	9.785E-06	6.700E-06	-5.947E-11	-1.969E-10	8.8076E-03	-4.433E-09
135.	-1.075E-05	-7.277E-06	1.434E-08	8.403E-08	-9.6743E-03	1.809E-06
136.	-8.847E-08	-6.024E-08	7.921E-09	4.320E-08	-7.9630E-05	9.345E-07
137.	-1.654E-06	-1.130E-06	7.880E-09	4.372E-08	-1.4885E-03	9.446E-07
138.	2.489E-06	1.702E-06	5.287E-09	2.679E-08	2.2407E-03	5.823E-07
139.	-5.308E-06	-3.630E-06	8.466E-09	4.855E-08	-4.7777E-03	1.047E-06
140.	-1.591E-06	-1.088E-06	6.213E-09	3.382E-08	-1.4319E-03	7.316E-07
141.	1.719E-08	1.177E-08	5.016E-09	2.615E-08	1.5476E-05	5.674E-07
142.	1.074E-05	7.347E-06	-4.869E-10	-1.044E-08	9.6673E-03	-2.151E-07
143.	3.436E-07	2.352E-07	4.127E-09	2.087E-08	3.0925E-04	4.537E-07
144.	1.114E-06	7.628E-07	3.445E-09	1.662E-08	1.0031E-03	3.624E-07
145.	1.307E-05	8.944E-06	-2.549E-09	-2.331E-08	1.1761E-02	-4.912E-07
146.	-1.738E-06	-1.190E-06	4.267E-09	2.273E-08	-1.5644E-03	4.923E-07
147.	-6.408E-06	-4.386E-06	6.264E-09	3.641E-08	-5.7677E-03	7.844E-07
148.	3.305E-06	2.263E-06	1.410E-09	4.098E-09	2.9750E-03	9.357E-08
149.	8.124E-12	5.601E-12	2.795E-09	1.364E-08	7.3130E-09	2.973E-07
150.	3.513E-13	2.788E-13	2.620E-09	1.271E-08	3.1618E-10	2.770E-07
151.	3.241E-13	2.584E-13	2.462E-09	1.187E-08	2.9172E-10	2.588E-07
152.	3.003E-13	2.404E-13	2.316E-09	1.111E-08	2.7029E-10	2.423E-07
153.	2.789E-13	2.242E-13	2.183E-09	1.041E-08	2.5101E-10	2.272E-07
154.	2.609E-13	2.104E-13	2.067E-09	9.815E-09	2.3485E-10	2.143E-07
155.	2.429E-13	1.967E-13	1.950E-09	9.220E-09	2.1868E-10	2.014E-07
156.	2.279E-13	1.850E-13	1.849E-09	8.708E-09	2.0511E-10	1.902E-07
157.	2.130E-13	1.735E-13	1.748E-09	8.202E-09	1.9171E-10	1.792E-07
158.	2.013E-13	1.644E-13	1.666E-09	7.793E-09	1.8116E-10	1.703E-07

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.784lb/A. Year 1957.
Basin: COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Runoff Mass Input 0.001 kg.						
159.	1.111E-06	7.607E-07	1.588E-09	7.412E-09	1.0000E-03	1.620E-07
160.	1.491E-12	1.163E-12	2.582E-09	1.274E-08	1.3424E-09	2.774E-07
161.	5.425E-13	4.277E-13	2.336E-09	1.153E-08	4.8830E-10	2.511E-07
162.	3.827E-13	3.017E-13	2.169E-09	1.066E-08	3.4449E-10	2.322E-07
Runoff Mass Input 0.117 kg.						
163.	1.300E-04	8.900E-05	2.027E-09	9.904E-09	0.1170	2.158E-07
Runoff Mass Input 0.032 kg.						
164.	3.555E-05	2.434E-05	1.275E-07	6.799E-07	3.2000E-02	1.473E-05
165.	6.393E-11	4.960E-11	1.418E-07	7.654E-07	5.7550E-08	1.657E-05
166.	3.357E-11	2.555E-11	1.259E-07	6.799E-07	3.0214E-08	1.472E-05
167.	2.424E-11	1.829E-11	1.148E-07	6.164E-07	2.1823E-08	1.335E-05
168.	1.955E-11	1.471E-11	1.054E-07	5.616E-07	1.7600E-08	1.217E-05
169.	1.690E-11	1.273E-11	9.741E-08	5.147E-07	1.5211E-08	1.116E-05
170.	1.525E-11	1.153E-11	9.065E-08	4.755E-07	1.3731E-08	1.031E-05
171.	1.361E-11	1.033E-11	8.388E-08	4.363E-07	1.2252E-08	9.466E-06
172.	1.247E-11	9.501E-12	7.841E-08	4.051E-07	1.1227E-08	8.793E-06
173.	1.134E-11	8.679E-12	7.297E-08	3.740E-07	1.0210E-08	8.123E-06
174.	1.049E-11	8.057E-12	6.863E-08	3.497E-07	9.4454E-09	7.598E-06
Runoff Mass Input 0.032 kg.						
175.	3.555E-05	2.434E-05	6.485E-08	3.288E-07	3.2000E-02	7.146E-06
176.	3.713E-11	2.909E-11	9.474E-08	4.870E-07	3.3418E-08	1.057E-05
177.	1.989E-11	1.541E-11	8.543E-08	4.386E-07	1.7900E-08	9.525E-06
178.	1.459E-11	1.126E-11	7.885E-08	4.024E-07	1.3129E-08	8.741E-06
Runoff Mass Input 0.065 kg.						
179.	7.221E-05	4.944E-05	7.318E-08	3.708E-07	6.5000E-02	8.060E-06
180.	6.721E-11	5.273E-11	1.378E-07	7.145E-07	6.0496E-08	1.551E-05
181.	3.258E-11	2.521E-11	1.226E-07	6.368E-07	2.9327E-08	1.382E-05
182.	2.265E-11	1.741E-11	1.125E-07	5.815E-07	2.0387E-08	1.262E-05
183.	1.791E-11	1.375E-11	1.041E-07	5.338E-07	1.6126E-08	1.159E-05
184.	1.542E-11	1.186E-11	9.665E-08	4.921E-07	1.3878E-08	1.069E-05
185.	1.400E-11	1.081E-11	9.064E-08	4.586E-07	1.2603E-08	9.969E-06
186.	1.271E-11	9.850E-12	8.479E-08	4.261E-07	1.1441E-08	9.267E-06
187.	1.157E-11	9.004E-12	7.936E-08	3.961E-07	1.0416E-08	8.618E-06
188.	1.069E-11	8.347E-12	7.462E-08	3.703E-07	9.6183E-09	8.059E-06
189.	9.799E-12	7.689E-12	6.989E-08	3.444E-07	8.8204E-09	7.501E-06
190.	9.194E-12	7.236E-12	6.635E-08	3.257E-07	8.2761E-09	7.094E-06
191.	8.637E-12	6.816E-12	6.302E-08	3.081E-07	7.7746E-09	6.713E-06
192.	8.080E-12	6.397E-12	5.969E-08	2.906E-07	7.2731E-09	6.333E-06
193.	7.523E-12	5.977E-12	5.636E-08	2.730E-07	6.7716E-09	5.952E-06
194.	6.966E-12	5.558E-12	5.303E-08	2.554E-07	6.2701E-09	5.571E-06

-CONT-

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.784lb/A. Year 1957.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
195.	6.561E-12	5.250E-12	5.046E-08	2.422E-07	5.9062E-09	5.283E-06
196.	6.192E-12	4.966E-12	4.805E-08	2.299E-07	5.5734E-09	5.016E-06
197.	5.822E-12	4.683E-12	4.565E-08	2.176E-07	5.2406E-09	4.750E-06
198.	5.452E-12	4.399E-12	4.325E-08	2.053E-07	4.9079E-09	4.483E-06
199.	5.083E-12	4.116E-12	4.084E-08	1.930E-07	4.5751E-09	4.216E-06
200.	4.845E-12	3.930E-12	3.918E-08	1.848E-07	4.3609E-09	4.036E-06
201.	4.645E-12	3.773E-12	3.773E-08	1.777E-07	4.1812E-09	3.881E-06
202.	4.445E-12	3.616E-12	3.628E-08	1.706E-07	4.0016E-09	3.727E-06
203.	4.246E-12	3.459E-12	3.483E-08	1.635E-07	3.8219E-09	3.572E-06
204.	4.046E-12	3.302E-12	3.338E-08	1.563E-07	3.6422E-09	3.417E-06
205.	3.847E-12	3.144E-12	3.193E-08	1.492E-07	3.4625E-09	3.262E-06
206.	3.647E-12	2.987E-12	3.049E-08	1.421E-07	3.2828E-09	3.108E-06
207.	3.447E-12	2.830E-12	2.904E-08	1.350E-07	3.1032E-09	2.953E-06
208.	3.248E-12	2.673E-12	2.759E-08	1.279E-07	2.9235E-09	2.798E-06
209.	3.048E-12	2.515E-12	2.614E-08	1.208E-07	2.7438E-09	2.644E-06
210.	2.934E-12	2.423E-12	2.523E-08	1.165E-07	2.6407E-09	2.549E-06
211.	2.819E-12	2.330E-12	2.432E-08	1.122E-07	2.5375E-09	2.455E-06
212.	2.704E-12	2.238E-12	2.341E-08	1.079E-07	2.4343E-09	2.361E-06
213.	2.590E-12	2.146E-12	2.251E-08	1.036E-07	2.3312E-09	2.267E-06
214.	2.475E-12	2.053E-12	2.160E-08	9.927E-08	2.2280E-09	2.173E-06
215.	2.361E-12	1.961E-12	2.069E-08	9.496E-08	2.1248E-09	2.078E-06
216.	2.246E-12	1.868E-12	1.978E-08	9.064E-08	2.0217E-09	1.984E-06
217.	2.131E-12	1.776E-12	1.887E-08	8.633E-08	1.9185E-09	1.890E-06
218.	2.017E-12	1.683E-12	1.796E-08	8.201E-08	1.8153E-09	1.796E-06
219.	1.912E-12	1.598E-12	1.712E-08	7.805E-08	1.7211E-09	1.709E-06
220.	1.841E-12	1.540E-12	1.653E-08	7.527E-08	1.6575E-09	1.648E-06
221.	1.771E-12	1.482E-12	1.593E-08	7.249E-08	1.5939E-09	1.588E-06
222.	1.700E-12	1.424E-12	1.533E-08	6.972E-08	1.5303E-09	1.527E-06
223.	1.629E-12	1.366E-12	1.473E-08	6.694E-08	1.4667E-09	1.466E-06
224.	1.559E-12	1.308E-12	1.413E-08	6.416E-08	1.4031E-09	1.406E-06
225.	1.488E-12	1.250E-12	1.354E-08	6.139E-08	1.3395E-09	1.345E-06
226.	1.417E-12	1.192E-12	1.294E-08	5.861E-08	1.2759E-09	1.284E-06
227.	1.347E-12	1.134E-12	1.234E-08	5.583E-08	1.2123E-09	1.223E-06
228.	1.276E-12	1.076E-12	1.174E-08	5.306E-08	1.1486E-09	1.163E-06
229.	1.231E-12	1.038E-12	1.134E-08	5.122E-08	1.1080E-09	1.123E-06
230.	1.186E-12	1.000E-12	1.094E-08	4.939E-08	1.0674E-09	1.082E-06

-CONT-

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.784lb/A. Year 1957.
Basin:COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
231.	1.141E-12	9.628E-13	1.054E-08	4.756E-08	1.0267E-09	1.042E-06
232.	1.095E-12	9.252E-13	1.014E-08	4.573E-08	9.8609E-10	1.002E-06
233.	1.050E-12	8.876E-13	9.739E-09	4.389E-08	9.4545E-10	9.620E-07
234.	1.005E-12	8.500E-13	9.338E-09	4.206E-08	9.0481E-10	9.219E-07
235.	9.600E-13	8.124E-13	8.937E-09	4.023E-08	8.6417E-10	8.818E-07
236.	9.149E-13	7.748E-13	8.537E-09	3.839E-08	8.2353E-10	8.416E-07
237.	8.697E-13	7.372E-13	8.136E-09	3.656E-08	7.8289E-10	8.015E-07
238.	8.369E-13	7.096E-13	7.839E-09	3.521E-08	7.5331E-10	7.719E-07
239.	8.076E-13	6.850E-13	7.572E-09	3.400E-08	7.2696E-10	7.455E-07
240.	7.783E-13	6.603E-13	7.305E-09	3.279E-08	7.0060E-10	7.190E-07
241.	7.490E-13	6.357E-13	7.038E-09	3.158E-08	6.7424E-10	6.925E-07
242.	7.198E-13	6.111E-13	6.771E-09	3.038E-08	6.4789E-10	6.660E-07
243.	6.905E-13	5.864E-13	6.504E-09	2.917E-08	6.2153E-10	6.395E-07
244.	6.612E-13	5.618E-13	6.237E-09	2.796E-08	5.9517E-10	6.131E-07
245.	6.319E-13	5.372E-13	5.970E-09	2.675E-08	5.6882E-10	5.866E-07
246.	6.026E-13	5.125E-13	5.703E-09	2.554E-08	5.4246E-10	5.601E-07
247.	5.733E-13	4.879E-13	5.436E-09	2.433E-08	5.1610E-10	5.336E-07
248.	5.541E-13	4.716E-13	5.257E-09	2.353E-08	4.9882E-10	5.159E-07
249.	5.349E-13	4.554E-13	5.077E-09	2.272E-08	4.8154E-10	4.983E-07
250.	5.157E-13	4.391E-13	4.898E-09	2.191E-08	4.6425E-10	4.806E-07
251.	4.965E-13	4.228E-13	4.719E-09	2.111E-08	4.4697E-10	4.629E-07
252.	4.773E-13	4.066E-13	4.539E-09	2.030E-08	4.2969E-10	4.452E-07
253.	4.581E-13	3.903E-13	4.360E-09	1.949E-08	4.1241E-10	4.276E-07
254.	4.390E-13	3.741E-13	4.181E-09	1.869E-08	3.9512E-10	4.099E-07
255.	4.198E-13	3.578E-13	4.002E-09	1.788E-08	3.7784E-10	3.922E-07
256.	4.006E-13	3.415E-13	3.822E-09	1.708E-08	3.6056E-10	3.745E-07
257.	3.827E-13	3.265E-13	3.656E-09	1.633E-08	3.4453E-10	3.581E-07
258.	3.697E-13	3.154E-13	3.532E-09	1.577E-08	3.3282E-10	3.460E-07
259.	3.567E-13	3.043E-13	3.409E-09	1.522E-08	3.2112E-10	3.339E-07
260.	3.437E-13	2.933E-13	3.286E-09	1.467E-08	3.0941E-10	3.218E-07
261.	3.307E-13	2.822E-13	3.162E-09	1.412E-08	2.9770E-10	3.097E-07
262.	3.177E-13	2.711E-13	3.039E-09	1.357E-08	2.8599E-10	2.976E-07
263.	3.047E-13	2.601E-13	2.916E-09	1.301E-08	2.7429E-10	2.854E-07
264.	2.917E-13	2.490E-13	2.793E-09	1.246E-08	2.6258E-10	2.733E-07
265.	2.787E-13	2.379E-13	2.669E-09	1.191E-08	2.5087E-10	2.612E-07
266.	2.657E-13	2.269E-13	2.546E-09	1.136E-08	2.3916E-10	2.491E-07
267.	2.568E-13	2.193E-13	2.461E-09	1.098E-08	2.3114E-10	2.408E-07
268.	2.479E-13	2.117E-13	2.376E-09	1.060E-08	2.2312E-10	2.324E-07

-CONT-

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.7841b/A. Year 1957.
Basin:COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
269.	2.389E-13	2.041E-13	2.291E-09	1.022E-08	2.1509E-10	2.241E-07
270.	2.300E-13	1.965E-13	2.206E-09	9.837E-09	2.0707E-10	2.158E-07
271.	2.211E-13	1.889E-13	2.121E-09	9.457E-09	1.9904E-10	2.074E-07
272.	2.122E-13	1.813E-13	2.036E-09	9.077E-09	1.9102E-10	1.991E-07
273.	2.033E-13	1.737E-13	1.951E-09	8.697E-09	1.8299E-10	1.908E-07
274.	1.944E-13	1.661E-13	1.866E-09	8.317E-09	1.7497E-10	1.825E-07
275.	1.855E-13	1.585E-13	1.781E-09	7.937E-09	1.6694E-10	1.741E-07
276.	1.788E-13	1.528E-13	1.717E-09	7.652E-09	1.6092E-10	1.679E-07
277.	1.727E-13	1.476E-13	1.659E-09	7.395E-09	1.5547E-10	1.622E-07
278.	1.667E-13	1.425E-13	1.602E-09	7.137E-09	1.5003E-10	1.566E-07
279.	1.606E-13	1.373E-13	1.544E-09	6.880E-09	1.4458E-10	1.509E-07
280.	1.546E-13	1.322E-13	1.486E-09	6.623E-09	1.3914E-10	1.453E-07
281.	1.485E-13	1.270E-13	1.429E-09	6.365E-09	1.3369E-10	1.396E-07
282.	1.425E-13	1.218E-13	1.371E-09	6.108E-09	1.2825E-10	1.340E-07
283.	1.364E-13	1.167E-13	1.313E-09	5.850E-09	1.2281E-10	1.283E-07
284.	1.304E-13	1.115E-13	1.256E-09	5.593E-09	1.1736E-10	1.227E-07
285.	1.243E-13	1.063E-13	1.198E-09	5.336E-09	1.1192E-10	1.171E-07
286.	1.203E-13	1.029E-13	1.159E-09	5.161E-09	1.0825E-10	1.132E-07
287.	1.162E-13	9.937E-14	1.120E-09	4.986E-09	1.0458E-10	1.094E-07
288.	1.121E-13	9.589E-14	1.080E-09	4.812E-09	1.0091E-10	1.056E-07
289.	1.080E-13	9.240E-14	1.041E-09	4.637E-09	9.7238E-11	1.017E-07
290.	1.039E-13	8.892E-14	1.002E-09	4.462E-09	9.3568E-11	9.790E-08
291.	9.987E-14	8.544E-14	9.628E-10	4.288E-09	8.9899E-11	9.406E-08
292.	9.579E-14	8.195E-14	9.236E-10	4.113E-09	8.6229E-11	9.023E-08
293.	9.172E-14	7.847E-14	8.844E-10	3.938E-09	8.2559E-11	8.640E-08
294.	8.764E-14	7.498E-14	8.452E-10	3.764E-09	7.8890E-11	8.257E-08
295.	8.385E-14	7.174E-14	8.087E-10	3.601E-09	7.5478E-11	7.900E-08
296.	8.104E-14	6.934E-14	7.816E-10	3.480E-09	7.2953E-11	7.635E-08
297.	7.824E-14	6.694E-14	7.545E-10	3.359E-09	7.0427E-11	7.370E-08
298.	7.543E-14	6.454E-14	7.273E-10	3.239E-09	6.7902E-11	7.105E-08
299.	7.263E-14	6.214E-14	7.002E-10	3.118E-09	6.5377E-11	6.840E-08
300.	6.982E-14	5.974E-14	6.731E-10	2.997E-09	6.2851E-11	6.575E-08
301.	6.702E-14	5.734E-14	6.459E-10	2.876E-09	6.0326E-11	6.309E-08
302.	6.421E-14	5.494E-14	6.188E-10	2.755E-09	5.7800E-11	6.044E-08
303.	6.141E-14	5.254E-14	5.917E-10	2.634E-09	5.5275E-11	5.779E-08
304.	5.860E-14	5.014E-14	5.645E-10	2.513E-09	5.2749E-11	5.514E-08
305.	5.664E-14	4.847E-14	5.458E-10	2.430E-09	5.0988E-11	5.330E-08
306.	5.469E-14	4.680E-14	5.270E-10	2.346E-09	4.9228E-11	5.147E-08

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.784lb/A. Year 1957.
Basin:COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
307.	5.273E-14	4.512E-14	5.082E-10	2.262E-09	4.7467E-11	4.963E-08
308.	5.078E-14	4.345E-14	4.894E-10	2.179E-09	4.5706E-11	4.780E-08
309.	4.882E-14	4.178E-14	4.706E-10	2.095E-09	4.3945E-11	4.596E-08
310.	4.686E-14	4.010E-14	4.518E-10	2.011E-09	4.2184E-11	4.413E-08
311.	4.491E-14	3.843E-14	4.330E-10	1.928E-09	4.0423E-11	4.229E-08
312.	4.295E-14	3.676E-14	4.142E-10	1.844E-09	3.8662E-11	4.045E-08
313.	4.099E-14	3.508E-14	3.954E-10	1.760E-09	3.6901E-11	3.862E-08
314.	3.952E-14	3.383E-14	3.813E-10	1.697E-09	3.5578E-11	3.724E-08
315.	3.820E-14	3.269E-14	3.685E-10	1.640E-09	3.4382E-11	3.599E-08
316.	3.687E-14	3.155E-14	3.557E-10	1.583E-09	3.3186E-11	3.474E-08
317.	3.554E-14	3.042E-14	3.429E-10	1.527E-09	3.1991E-11	3.349E-08
318.	3.421E-14	2.928E-14	3.302E-10	1.470E-09	3.0795E-11	3.224E-08
319.	3.288E-14	2.814E-14	3.174E-10	1.413E-09	2.9599E-11	3.099E-08
320.	3.155E-14	2.701E-14	3.046E-10	1.356E-09	2.8403E-11	2.974E-08
321.	3.023E-14	2.587E-14	2.918E-10	1.299E-09	2.7207E-11	2.850E-08
322.	2.890E-14	2.473E-14	2.790E-10	1.242E-09	2.6011E-11	2.725E-08
323.	2.757E-14	2.360E-14	2.662E-10	1.185E-09	2.4816E-11	2.600E-08
324.	2.667E-14	2.283E-14	2.575E-10	1.146E-09	2.4004E-11	2.515E-08
325.	2.577E-14	2.205E-14	2.488E-10	1.108E-09	2.3193E-11	2.430E-08
326.	2.486E-14	2.128E-14	2.401E-10	1.069E-09	2.2382E-11	2.345E-08
327.	2.396E-14	2.051E-14	2.314E-10	1.030E-09	2.1571E-11	2.260E-08
328.	2.306E-14	1.974E-14	2.227E-10	9.914E-10	2.0760E-11	2.175E-08
329.	2.216E-14	1.897E-14	2.140E-10	9.527E-10	1.9949E-11	2.090E-08
330.	2.126E-14	1.820E-14	2.053E-10	9.139E-10	1.9137E-11	2.005E-08
331.	2.036E-14	1.743E-14	1.966E-10	8.752E-10	1.8326E-11	1.920E-08
332.	1.946E-14	1.666E-14	1.879E-10	8.365E-10	1.7515E-11	1.835E-08
333.	1.862E-14	1.594E-14	1.798E-10	8.004E-10	1.6760E-11	1.756E-08
334.	1.800E-14	1.540E-14	1.738E-10	7.736E-10	1.6199E-11	1.697E-08
335.	1.737E-14	1.487E-14	1.678E-10	7.468E-10	1.5638E-11	1.638E-08
336.	1.675E-14	1.434E-14	1.617E-10	7.199E-10	1.5077E-11	1.579E-08
337.	1.613E-14	1.380E-14	1.557E-10	6.931E-10	1.4516E-11	1.521E-08
338.	1.550E-14	1.327E-14	1.497E-10	6.663E-10	1.3955E-11	1.462E-08

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R = 0.784lb/A. Year 1957.
Basin:COSH115.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments		Water Col	Sediments
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
339.	1.488E-14	1.274E-14	1.437E-10	6.394E-10	1.3393E-11	1.403E-08
340.	1.426E-14	1.220E-14	1.376E-10	6.126E-10	1.2832E-11	1.344E-08
341.	1.363E-14	1.167E-14	1.316E-10	5.858E-10	1.2271E-11	1.285E-08
342.	1.301E-14	1.113E-14	1.256E-10	5.589E-10	1.1710E-11	1.226E-08
343.	1.258E-14	1.076E-14	1.214E-10	5.403E-10	1.1320E-11	1.185E-08
344.	1.214E-14	1.039E-14	1.172E-10	5.217E-10	1.0929E-11	1.145E-08
345.	1.171E-14	1.002E-14	1.130E-10	5.031E-10	1.0539E-11	1.104E-08
346.	1.127E-14	9.650E-15	1.089E-10	4.845E-10	1.0149E-11	1.063E-08
347.	1.084E-14	9.279E-15	1.047E-10	4.659E-10	9.7587E-12	1.022E-08
348.	1.041E-14	8.908E-15	1.005E-10	4.473E-10	9.3684E-12	9.814E-09
349.	9.974E-15	8.537E-15	9.633E-11	4.287E-10	8.9781E-12	9.406E-09
350.	9.540E-15	8.166E-15	9.215E-11	4.101E-10	8.5878E-12	8.998E-09
351.	9.107E-15	7.795E-15	8.798E-11	3.916E-10	8.1976E-12	8.590E-09
352.	8.781E-15	7.516E-15	8.483E-11	3.776E-10	7.9044E-12	8.283E-09
353.	8.487E-15	7.264E-15	8.199E-11	3.649E-10	7.6394E-12	8.006E-09
354.	8.192E-15	7.012E-15	7.914E-11	3.522E-10	7.3745E-12	7.728E-09
355.	7.898E-15	6.761E-15	7.630E-11	3.396E-10	7.1096E-12	7.450E-09
356.	7.604E-15	6.509E-15	7.346E-11	3.269E-10	6.8446E-12	7.173E-09
357.	7.310E-15	6.257E-15	7.061E-11	3.143E-10	6.5797E-12	6.895E-09
358.	7.015E-15	6.005E-15	6.777E-11	3.016E-10	6.3147E-12	6.617E-09
359.	6.721E-15	5.753E-15	6.493E-11	2.890E-10	6.0498E-12	6.340E-09
360.	6.427E-15	5.501E-15	6.208E-11	2.763E-10	5.7849E-12	6.062E-09
361.	6.132E-15	5.249E-15	5.924E-11	2.637E-10	5.5199E-12	5.784E-09
362.	5.932E-15	5.078E-15	5.730E-11	2.550E-10	5.3396E-12	5.595E-09
363.	5.731E-15	4.906E-15	5.537E-11	2.464E-10	5.1592E-12	5.406E-09
364.	5.531E-15	4.735E-15	5.343E-11	2.378E-10	4.9789E-12	5.217E-09
365.	5.331E-15	4.563E-15	5.150E-11	2.292E-10	4.7985E-12	5.028E-09

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MASS: DAY  140  0.000001 kg.
MASS: DAY  145  0.011 kg.
MASS: DAY  148  0.070 kg.
MASS: DAY  149  0.009 kg.
MASS: DAY  185  0.012 kg.
MASS: DAY  220  0.001 kg.
MASS: DAY  233  0.002 kg.
MASS: DAY  239  0.008 kg.
MASS: DAY  292  0.001 kg.
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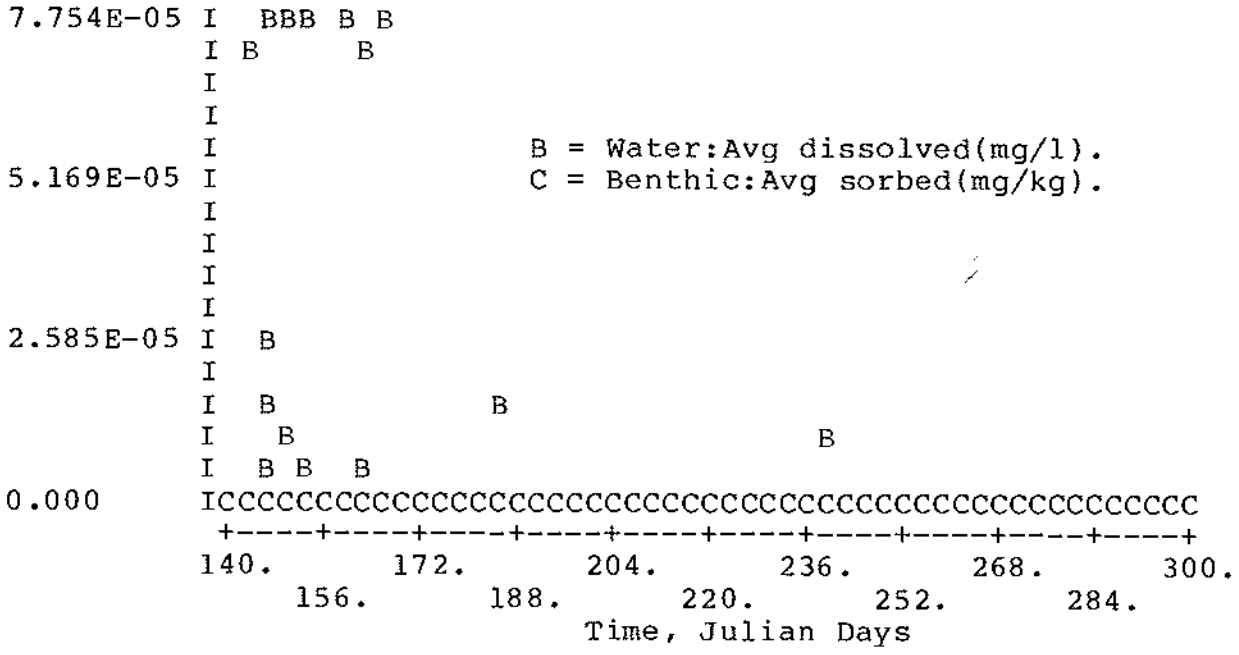
System: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO, A.R.=1.25lb/A. Year 1970.
Basin: Tifton.



EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R. = 1.25lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Initial Mass Input 0.000001 kg.						
140.	1.111E-09	7.607E-10	0.000	0.000	1.0000E-06	0.000
141.	-1.460E-05	-9.891E-06	6.830E-09	4.617E-08	-1.3141E-02	9.864E-07
142.	-4.077E-06	-2.793E-06	1.951E-09	1.309E-08	-3.6694E-03	2.797E-07
143.	-6.041E-06	-4.140E-06	2.893E-09	1.940E-08	-5.4379E-03	4.147E-07
144.	2.419E-06	1.661E-06	-1.162E-09	-7.783E-09	2.1778E-03	-1.663E-07
Runoff Mass Input 0.011 kg.						
145.	1.517E-05	1.039E-05	-1.416E-09	-9.491E-09	1.3658E-02	-2.028E-07
146.	2.637E-05	1.770E-05	-5.302E-10	-2.018E-08	2.3737E-02	-4.128E-07
147.	6.651E-06	4.515E-06	6.694E-09	3.234E-08	5.9871E-03	7.053E-07
Runoff Mass Input 0.070 kg.						
148.	7.754E-05	5.309E-05	8.953E-09	4.859E-08	6.9796E-02	1.051E-06
Runoff Mass Input 0.009 kg						
149.	1.125E-05	7.723E-06	8.120E-08	4.352E-07	1.0126E-02	9.424E-06
150.	-1.207E-05	-8.170E-06	8.502E-08	4.685E-07	-1.0862E-02	1.013E-05
151.	-1.247E-06	-8.519E-07	7.172E-08	3.881E-07	-1.1224E-03	8.400E-06
152.	-2.369E-06	-1.618E-06	6.603E-08	3.550E-07	-2.1327E-03	7.686E-06
153.	7.585E-06	5.181E-06	5.591E-08	2.914E-07	6.8271E-03	6.321E-06
154.	5.269E-06	3.601E-06	5.223E-08	2.706E-07	4.7425E-03	5.873E-06
155.	-1.959E-07	-1.340E-07	5.055E-08	2.631E-07	-1.7637E-04	5.709E-06
156.	-9.351E-06	-6.393E-06	5.107E-08	2.702E-07	-8.4168E-03	5.855E-06
157.	1.340E-06	9.163E-07	4.250E-08	2.161E-07	1.2063E-03	4.695E-06
158.	-5.258E-08	-3.596E-08	4.004E-08	2.028E-07	-4.7331E-05	4.407E-06
159.	1.576E-06	1.078E-06	3.643E-08	1.816E-07	1.4187E-03	3.952E-06
160.	-1.336E-05	-9.137E-06	4.098E-08	2.151E-07	-1.2024E-02	4.665E-06
161.	2.349E-06	1.607E-06	3.114E-08	1.519E-07	2.1147E-03	3.311E-06
162.	-8.459E-06	-5.787E-06	3.417E-08	1.749E-07	-7.6140E-03	3.799E-06
163.	5.887E-06	4.028E-06	2.537E-08	1.184E-07	5.2995E-03	2.589E-06
164.	3.549E-12	2.818E-12	2.642E-08	1.278E-07	3.1943E-09	2.787E-06
165.	3.249E-12	2.595E-12	2.482E-08	1.194E-07	2.9246E-09	2.604E-06
166.	3.009E-12	2.413E-12	2.335E-08	1.117E-07	2.7086E-09	2.437E-06
167.	2.803E-12	2.256E-12	2.204E-08	1.049E-07	2.5230E-09	2.291E-06
168.	2.609E-12	2.108E-12	2.080E-08	9.855E-08	2.3483E-09	2.152E-06
169.	2.435E-12	1.975E-12	1.966E-08	9.275E-08	2.1921E-09	2.026E-06
170.	2.287E-12	1.860E-12	1.865E-08	8.770E-08	2.0589E-09	1.916E-06
171.	2.153E-12	1.756E-12	1.772E-08	8.306E-08	1.9380E-09	1.815E-06
172.	2.019E-12	1.651E-12	1.679E-08	7.841E-08	1.8171E-09	1.714E-06
173.	1.898E-12	1.557E-12	1.594E-08	7.420E-08	1.7088E-09	1.622E-06
174.	1.793E-12	1.474E-12	1.517E-08	7.044E-08	1.6138E-09	1.541E-06
175.	1.687E-12	1.391E-12	1.440E-08	6.668E-08	1.5189E-09	1.459E-06

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Chemical: TERBUFO,A.R. = 1.25lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
176.	1.593E-12	1.316E-12	1.370E-08	6.329E-08	1.4340E-09	1.385E-06
177.	1.522E-12	1.259E-12	1.315E-08	6.065E-08	1.3704E-09	1.327E-06
178.	1.452E-12	1.202E-12	1.260E-08	5.802E-08	1.3069E-09	1.270E-06
179.	1.381E-12	1.146E-12	1.205E-08	5.539E-08	1.2433E-09	1.212E-06
180.	1.311E-12	1.089E-12	1.150E-08	5.276E-08	1.1797E-09	1.155E-06
181.	1.240E-12	1.032E-12	1.095E-08	5.012E-08	1.1162E-09	1.097E-06
182.	1.169E-12	9.755E-13	1.040E-08	4.749E-08	1.0526E-09	1.040E-06
183.	1.120E-12	9.355E-13	9.990E-09	4.559E-08	1.0085E-09	9.984E-07
184.	1.072E-12	8.957E-13	9.586E-09	4.371E-08	9.6455E-10	9.571E-07
Runoff Mass Input 0.012 kg.						
185.	1.333E-05	9.128E-06	9.183E-09	4.182E-08	1.2000E-02	9.158E-07
186.	1.165E-11	9.209E-12	2.163E-08	1.085E-07	1.0491E-08	2.361E-06
187.	5.213E-12	4.085E-12	1.923E-08	9.684E-08	4.6927E-09	2.106E-06
188.	3.448E-12	2.692E-12	1.771E-08	8.881E-08	3.1034E-09	1.932E-06
189.	2.680E-12	2.092E-12	1.646E-08	8.203E-08	2.4120E-09	1.785E-06
190.	2.363E-12	1.850E-12	1.545E-08	7.652E-08	2.1269E-09	1.666E-06
191.	2.083E-12	1.637E-12	1.445E-08	7.114E-08	1.8754E-09	1.549E-06
192.	1.905E-12	1.502E-12	1.360E-08	6.657E-08	1.7146E-09	1.450E-06
193.	1.739E-12	1.377E-12	1.277E-08	6.211E-08	1.5654E-09	1.354E-06
194.	1.627E-12	1.292E-12	1.211E-08	5.868E-08	1.4645E-09	1.279E-06
195.	1.523E-12	1.214E-12	1.148E-08	5.541E-08	1.3711E-09	1.209E-06
196.	1.420E-12	1.135E-12	1.086E-08	5.215E-08	1.2778E-09	1.138E-06
197.	1.316E-12	1.056E-12	1.023E-08	4.889E-08	1.1844E-09	1.067E-06
198.	1.237E-12	9.962E-13	9.723E-09	4.630E-08	1.1139E-09	1.011E-06
199.	1.165E-12	9.402E-13	9.242E-09	4.386E-08	1.0484E-09	9.576E-07
200.	1.092E-12	8.842E-13	8.761E-09	4.142E-08	9.8300E-10	9.046E-07
201.	1.019E-12	8.282E-13	8.281E-09	3.898E-08	9.1755E-10	8.516E-07
202.	9.697E-13	7.894E-13	7.930E-09	3.724E-08	8.7291E-10	8.138E-07
203.	9.271E-13	7.558E-13	7.618E-09	3.572E-08	8.3448E-10	7.806E-07
204.	8.844E-13	7.221E-13	7.306E-09	3.419E-08	7.9606E-10	7.474E-07
205.	8.417E-13	6.884E-13	6.995E-09	3.267E-08	7.5763E-10	7.142E-07
206.	7.990E-13	6.547E-13	6.683E-09	3.114E-08	7.1920E-10	6.809E-07
207.	7.563E-13	6.210E-13	6.371E-09	2.962E-08	6.8077E-10	6.477E-07
208.	7.136E-13	5.874E-13	6.059E-09	2.810E-08	6.4234E-10	6.145E-07
209.	6.709E-13	5.537E-13	5.748E-09	2.657E-08	6.0391E-10	5.813E-07
210.	6.392E-13	5.283E-13	5.506E-09	2.541E-08	5.7533E-10	5.559E-07
211.	6.126E-13	5.070E-13	5.297E-09	2.441E-08	5.5147E-10	5.342E-07
212.	5.861E-13	4.856E-13	5.088E-09	2.342E-08	5.2760E-10	5.126E-07
213.	5.596E-13	4.642E-13	4.880E-09	2.243E-08	5.0374E-10	4.909E-07
214.	5.331E-13	4.428E-13	4.671E-09	2.144E-08	4.7987E-10	4.692E-07
215.	5.066E-13	4.214E-13	4.462E-09	2.045E-08	4.5600E-10	4.476E-07
216.	4.801E-13	4.001E-13	4.254E-09	1.945E-08	4.3214E-10	4.259E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1970
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
217.	4.536E-13	3.787E-13	4.045E-09	1.846E-08	4.0827E-10	4.043E-07
218.	4.332E-13	3.621E-13	3.879E-09	1.768E-08	3.8992E-10	3.872E-07
219.	4.172E-13	3.489E-13	3.743E-09	1.705E-08	3.7551E-10	3.735E-07
Runoff Mass input 0.001 kg.						
220.	1.111E-06	7.607E-07	3.608E-09	1.642E-08	1.0000E-03	3.597E-07
221.	1.692E-12	1.334E-12	4.506E-09	2.132E-08	1.5231E-09	4.657E-07
222.	7.337E-13	5.911E-13	4.171E-09	1.972E-08	6.6047E-10	4.306E-07
223.	5.651E-13	4.575E-13	3.920E-09	1.847E-08	5.0866E-10	4.035E-07
224.	4.809E-13	3.911E-13	3.697E-09	1.735E-08	4.3285E-10	3.791E-07
225.	4.324E-13	3.530E-13	3.493E-09	1.633E-08	3.8920E-10	3.570E-07
226.	4.043E-13	3.310E-13	3.320E-09	1.548E-08	3.6389E-10	3.384E-07
227.	3.767E-13	3.093E-13	3.148E-09	1.463E-08	3.3913E-10	3.199E-07
228.	3.524E-13	2.901E-13	2.987E-09	1.384E-08	3.1720E-10	3.028E-07
229.	3.319E-13	2.739E-13	2.840E-09	1.313E-08	2.9878E-10	2.872E-07
230.	3.115E-13	2.577E-13	2.693E-09	1.241E-08	2.8036E-10	2.716E-07
231.	2.967E-13	2.458E-13	2.579E-09	1.186E-08	2.6704E-10	2.596E-07
232.	2.823E-13	2.343E-13	2.467E-09	1.133E-08	2.5414E-10	2.480E-07
Runoff Mass Input 0.002 kg						
233.	2.222E-06	1.521E-06	2.355E-09	1.080E-08	2.0000E-03	2.363E-07
234.	2.745E-12	2.144E-12	4.397E-09	2.174E-08	2.4710E-09	4.734E-07
235.	9.989E-13	7.870E-13	3.952E-09	1.959E-08	8.9912E-10	4.263E-07
236.	6.660E-13	5.240E-13	3.655E-09	1.804E-08	5.9946E-10	3.927E-07
237.	5.344E-13	4.211E-13	3.416E-09	1.676E-08	4.8101E-10	3.652E-07
238.	4.655E-13	3.680E-13	3.204E-09	1.563E-08	4.1902E-10	3.407E-07
Runoff Mass Input 0.008 kg.						
239.	8.888E-06	6.085E-06	3.013E-09	1.462E-08	8.0000E-03	3.187E-07
240.	1.063E-11	8.240E-12	1.149E-08	5.977E-08	9.5647E-09	1.297E-06
241.	3.446E-12	2.675E-12	9.995E-09	5.242E-08	3.1015E-09	1.137E-06
242.	2.048E-12	1.572E-12	9.055E-09	4.733E-08	1.8435E-09	1.027E-06
243.	1.611E-12	1.233E-12	8.370E-09	4.347E-08	1.4502E-09	9.432E-07
244.	1.319E-12	1.009E-12	7.745E-09	3.992E-08	1.1874E-09	8.667E-07
245.	1.158E-12	8.883E-13	7.201E-09	3.685E-08	1.0424E-09	8.003E-07
246.	1.048E-12	8.067E-13	6.747E-09	3.430E-08	9.4366E-10	7.454E-07
247.	9.629E-13	7.435E-13	6.336E-09	3.202E-08	8.6675E-10	6.960E-07
248.	8.775E-13	6.804E-13	5.924E-09	2.973E-08	7.8984E-10	6.466E-07
249.	8.062E-13	6.277E-13	5.561E-09	2.773E-08	7.2570E-10	6.033E-07
250.	7.482E-13	5.846E-13	5.241E-09	2.599E-08	6.7345E-10	5.658E-07
251.	6.901E-13	5.415E-13	4.922E-09	2.426E-08	6.2121E-10	5.283E-07
252.	6.405E-13	5.045E-13	4.641E-09	2.275E-08	5.7654E-10	4.956E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1970
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
253.	6.062E-13	4.785E-13	4.430E-09	2.165E-08	5.4564E-10	4.717E-07
254.	5.718E-13	4.526E-13	4.220E-09	2.055E-08	5.1474E-10	4.479E-07
255.	5.375E-13	4.266E-13	4.009E-09	1.945E-08	4.8384E-10	4.240E-07
256.	5.032E-13	4.006E-13	3.798E-09	1.835E-08	4.5294E-10	4.001E-07
257.	4.689E-13	3.746E-13	3.587E-09	1.725E-08	4.2204E-10	3.762E-07
258.	4.349E-13	3.489E-13	3.379E-09	1.616E-08	3.9150E-10	3.526E-07
259.	4.136E-13	3.324E-13	3.235E-09	1.543E-08	3.7227E-10	3.368E-07
260.	3.922E-13	3.159E-13	3.091E-09	1.471E-08	3.5304E-10	3.210E-07
261.	3.708E-13	2.994E-13	2.947E-09	1.398E-08	3.3380E-10	3.053E-07
262.	3.495E-13	2.829E-13	2.803E-09	1.326E-08	3.1457E-10	2.895E-07
263.	3.281E-13	2.664E-13	2.659E-09	1.253E-08	2.9534E-10	2.737E-07
264.	3.067E-13	2.499E-13	2.515E-09	1.180E-08	2.7611E-10	2.580E-07
265.	2.921E-13	2.384E-13	2.411E-09	1.129E-08	2.6296E-10	2.467E-07
266.	2.803E-13	2.290E-13	2.323E-09	1.086E-08	2.5233E-10	2.374E-07
267.	2.685E-13	2.197E-13	2.235E-09	1.043E-08	2.4171E-10	2.281E-07
268.	2.567E-13	2.103E-13	2.147E-09	1.001E-08	2.3109E-10	2.188E-07
269.	2.449E-13	2.009E-13	2.058E-09	9.580E-09	2.2047E-10	2.095E-07
270.	2.331E-13	1.916E-13	1.970E-09	9.153E-09	2.0984E-10	2.002E-07
271.	2.213E-13	1.822E-13	1.882E-09	8.725E-09	1.9922E-10	1.908E-07
272.	2.095E-13	1.728E-13	1.794E-09	8.298E-09	1.8860E-10	1.815E-07
273.	1.977E-13	1.635E-13	1.706E-09	7.871E-09	1.7797E-10	1.722E-07
274.	1.859E-13	1.541E-13	1.618E-09	7.443E-09	1.6735E-10	1.629E-07
275.	1.790E-13	1.485E-13	1.562E-09	7.180E-09	1.6114E-10	1.571E-07
276.	1.721E-13	1.429E-13	1.506E-09	6.916E-09	1.5493E-10	1.514E-07
277.	1.652E-13	1.373E-13	1.450E-09	6.652E-09	1.4871E-10	1.456E-07
278.	1.583E-13	1.317E-13	1.394E-09	6.389E-09	1.4250E-10	1.399E-07
279.	1.514E-13	1.261E-13	1.338E-09	6.125E-09	1.3629E-10	1.341E-07
280.	1.445E-13	1.205E-13	1.282E-09	5.862E-09	1.3008E-10	1.283E-07
281.	1.376E-13	1.149E-13	1.226E-09	5.598E-09	1.2386E-10	1.226E-07
282.	1.307E-13	1.093E-13	1.170E-09	5.335E-09	1.1765E-10	1.168E-07
283.	1.238E-13	1.037E-13	1.114E-09	5.071E-09	1.1144E-10	1.111E-07
284.	1.177E-13	9.866E-14	1.064E-09	4.835E-09	1.0591E-10	1.059E-07
285.	1.134E-13	9.511E-14	1.027E-09	4.664E-09	1.0204E-10	1.022E-07
286.	1.091E-13	9.156E-14	9.902E-10	4.493E-09	9.8176E-11	9.844E-08
287.	1.048E-13	8.801E-14	9.533E-10	4.323E-09	9.4306E-11	9.470E-08
288.	1.005E-13	8.446E-14	9.163E-10	4.152E-09	9.0437E-11	9.097E-08
289.	9.617E-14	8.091E-14	8.794E-10	3.981E-09	8.6568E-11	8.723E-08
290.	9.187E-14	7.736E-14	8.424E-10	3.811E-09	8.2699E-11	8.350E-08
291.	8.757E-14	7.381E-14	8.054E-10	3.640E-09	7.8829E-11	7.976E-08

-CONT -

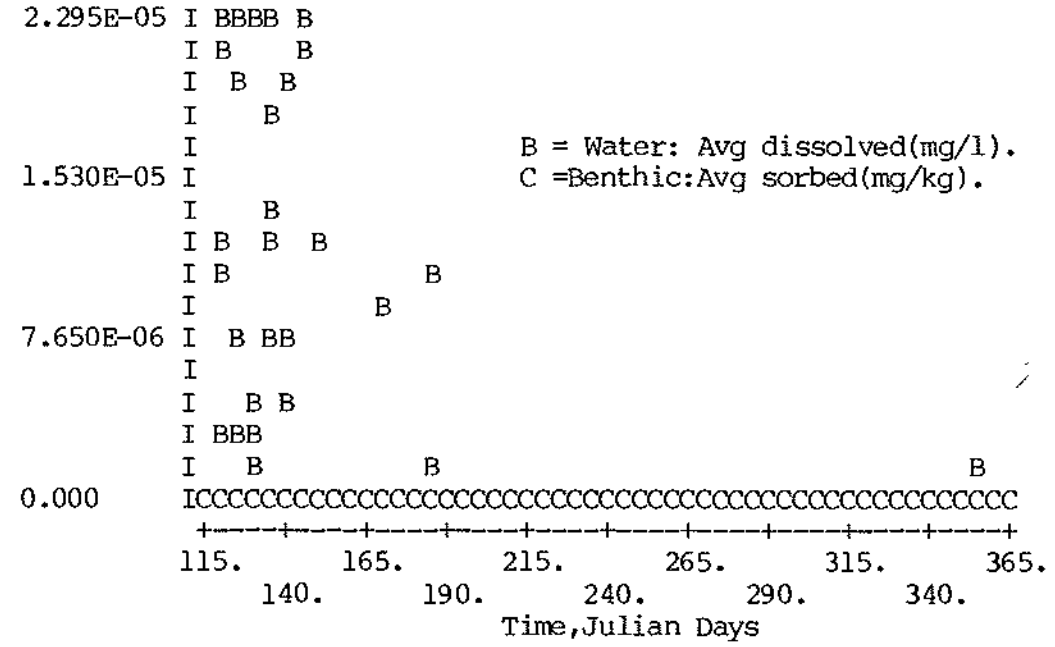
EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1970
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Runoff Mass Input 0.001 kg.						
292.	1.111E-06	7.607E-07	7.685E-10	3.469E-09	1.0000E-03	7.603E-08
293.	1.392E-12	1.083E-12	1.811E-09	9.056E-09	1.2532E-09	1.970E-07
294.	4.506E-13	3.537E-13	1.611E-09	8.084E-09	4.0557E-10	1.758E-07
295.	2.971E-13	2.325E-13	1.485E-09	7.422E-09	2.6745E-10	1.615E-07
296.	2.272E-13	1.777E-13	1.380E-09	6.858E-09	2.0450E-10	1.493E-07
297.	1.921E-13	1.507E-13	1.289E-09	6.362E-09	1.7292E-10	1.385E-07
298.	1.756E-13	1.382E-13	1.215E-09	5.968E-09	1.5803E-10	1.300E-07
299.	1.596E-13	1.261E-13	1.142E-09	5.576E-09	1.4364E-10	1.215E-07
300.	1.460E-13	1.158E-13	1.075E-09	5.218E-09	1.3144E-10	1.138E-07

MASS: DAY 115 0.000001 kg.
MASS: DAY 120 0.018 kg.
MASS: DAY 128 0.002 kg.
MASS: DAY 168 0.008 kg.
MASS: DAY 183 0.002 kg.
MASS: DAY 185 0.010 kg.
MASS: DAY 354 0.001 kg.

System: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. =1.25lb/A. Year 1971.
Basin: Tifton.



EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1971
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Initial Input 0.000001 kg.						
115.	1.111E-09	7.607E-10	0.000	0.000	1.0000E-06	0.000
116.	-1.460E-05	-9.891E-06	6.830E-09	4.617E-08	-1.3141E-02	9.864E-07
117.	-4.077E-06	-2.793E-06	1.951E-09	1.309E-08	-3.6694E-03	2.797E-07
118.	-6.041E-06	-4.140E-06	2.893E-09	1.940E-08	-5.4379E-03	4.147E-07
119.	2.419E-06	1.661E-06	-1.162E-09	-7.783E-09	2.1778E-03	-1.663E-07
Runoff Mass Input 0.018 kg.						
120.	2.295E-05	1.572E-05	-1.416E-09	-9.491E-09	2.0658E-02	-2.028E-07
121.	-8.884E-07	-5.989E-07	1.938E-08	1.046E-07	-7.9967E-04	2.265E-06
122.	1.199E-05	8.141E-06	1.043E-08	4.941E-08	1.0793E-02	1.079E-06
123.	-3.243E-07	-2.209E-07	1.463E-08	7.937E-08	-2.9195E-04	1.717E-06
124.	1.916E-05	1.306E-05	4.135E-09	9.761E-09	1.7249E-02	2.287E-07
125.	-2.289E-06	-1.563E-06	1.321E-08	7.168E-08	-2.0599E-03	1.551E-06
126.	8.139E-06	5.559E-06	7.269E-09	3.258E-08	7.3261E-03	7.144E-07
127.	2.421E-06	1.654E-06	9.113E-09	4.574E-08	2.1794E-03	9.949E-07
Runoff Mass Input 0.002 kg.						
128.	2.284E-05	1.564E-05	8.123E-09	3.982E-08	2.0562E-02	8.675E-07
129.	1.334E-06	9.229E-07	2.815E-08	1.495E-07	1.2010E-03	3.239E-06
130.	-1.359E-06	-9.488E-07	2.698E-08	1.445E-07	-1.2232E-03	3.129E-06
131.	4.706E-06	3.217E-06	2.157E-08	1.110E-07	4.2364E-03	2.409E-06
132.	-3.081E-05	-2.119E-05	3.671E-08	2.140E-07	-2.7729E-02	4.611E-06
133.	6.935E-06	4.759E-06	1.681E-08	8.235E-08	6.2428E-03	1.794E-06
134.	1.170E-05	7.882E-06	1.319E-08	5.906E-08	1.0530E-02	1.295E-06
135.	1.370E-05	9.328E-06	1.075E-08	4.428E-08	1.2333E-02	9.774E-07
136.	-5.990E-06	-4.086E-06	1.882E-08	9.995E-08	-5.3914E-03	2.166E-06
137.	1.774E-05	1.212E-05	6.409E-09	1.776E-08	1.5970E-02	4.079E-07
138.	4.800E-06	3.279E-06	1.154E-08	5.344E-08	4.3209E-03	1.169E-06
139.	3.376E-07	2.307E-07	1.273E-08	6.258E-08	3.0387E-04	1.363E-06
140.	-4.204E-06	-2.874E-06	1.404E-08	7.248E-08	-3.7842E-03	1.573E-06
141.	-3.693E-06	-2.525E-06	1.302E-08	6.666E-08	-3.3240E-03	1.448E-06
142.	7.054E-06	4.824E-06	7.187E-09	2.843E-08	6.3494E-03	6.298E-07
143.	-1.407E-05	-9.623E-06	1.661E-08	9.264E-08	-1.2661E-02	2.001E-06
144.	4.409E-12	3.158E-12	9.298E-09	4.442E-08	3.9686E-09	9.695E-07
145.	1.107E-12	8.923E-13	8.751E-09	4.159E-08	9.9624E-10	9.080E-07
146.	1.029E-12	8.331E-13	8.253E-09	3.903E-08	9.2656E-10	8.525E-07
147.	9.590E-13	7.790E-13	7.790E-09	3.668E-08	8.6321E-10	8.013E-07
148.	8.987E-13	7.323E-13	7.380E-09	3.462E-08	8.0897E-10	7.565E-07
149.	8.403E-13	6.870E-13	6.980E-09	3.261E-08	7.5642E-10	7.129E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1971
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
150.	7.894E-13	6.472E-13	6.621E-09	3.084E-08	7.1061E-10	6.742E-07
151.	7.420E-13	6.100E-13	6.282E-09	2.916E-08	6.6791E-10	6.378E-07
152.	7.029E-13	5.790E-13	5.991E-09	2.775E-08	6.3270E-10	6.071E-07
153.	6.638E-13	5.480E-13	5.701E-09	2.634E-08	5.9750E-10	5.763E-07
154.	6.247E-13	5.170E-13	5.410E-09	2.493E-08	5.6230E-10	5.455E-07
155.	5.916E-13	4.905E-13	5.157E-09	2.371E-08	5.3252E-10	5.189E-07
156.	5.611E-13	4.661E-13	4.919E-09	2.258E-08	5.0506E-10	4.941E-07
157.	5.306E-13	4.416E-13	4.681E-09	2.144E-08	4.7761E-10	4.694E-07
158.	5.012E-13	4.179E-13	4.451E-09	2.034E-08	4.5113E-10	4.454E-07
159.	4.809E-13	4.014E-13	4.283E-09	1.956E-08	4.3288E-10	4.282E-07
160.	4.606E-13	3.848E-13	4.115E-09	1.877E-08	4.1463E-10	4.111E-07
161.	4.404E-13	3.682E-13	3.948E-09	1.799E-08	3.9639E-10	3.939E-07
162.	4.201E-13	3.517E-13	3.780E-09	1.720E-08	3.7814E-10	3.767E-07
163.	3.998E-13	3.351E-13	3.612E-09	1.642E-08	3.5989E-10	3.596E-07
164.	3.795E-13	3.186E-13	3.444E-09	1.563E-08	3.4164E-10	3.424E-07
165.	3.593E-13	3.020E-13	3.276E-09	1.485E-08	3.2339E-10	3.252E-07
166.	3.449E-13	2.901E-13	3.152E-09	1.427E-08	3.1043E-10	3.127E-07
167.	3.310E-13	2.786E-13	3.031E-09	1.372E-08	2.9793E-10	3.006E-07
Runoff Mass Input 0.008 kg.						
168.	8.888E-06	6.085E-06	2.911E-09	1.316E-08	8.0000E-03	2.884E-07
169.	1.055E-11	8.194E-12	1.143E-08	5.864E-08	9.4974E-09	1.273E-06
170.	3.385E-12	2.639E-12	9.973E-09	5.156E-08	3.0468E-09	1.119E-06
171.	1.998E-12	1.543E-12	9.061E-09	4.670E-08	1.7986E-09	1.014E-06
172.	1.570E-12	1.210E-12	8.398E-09	4.301E-08	1.4129E-09	9.341E-07
173.	1.285E-12	9.908E-13	7.792E-09	3.963E-08	1.1569E-09	8.611E-07
174.	1.130E-12	8.741E-13	7.264E-09	3.668E-08	1.0176E-09	7.974E-07
175.	1.026E-12	7.955E-13	6.820E-09	3.423E-08	9.2319E-10	7.445E-07
176.	9.442E-13	7.350E-13	6.417E-09	3.202E-08	8.4992E-10	6.967E-07
177.	8.628E-13	6.744E-13	6.014E-09	2.981E-08	7.7666E-10	6.490E-07
178.	7.948E-13	6.237E-13	5.656E-09	2.787E-08	7.1546E-10	6.070E-07
179.	7.393E-13	5.822E-13	5.340E-09	2.619E-08	6.6549E-10	5.704E-07
180.	6.838E-13	5.407E-13	5.024E-09	2.450E-08	6.1552E-10	5.338E-07
181.	6.362E-13	5.049E-13	4.746E-09	2.302E-08	5.7269E-10	5.019E-07
182.	6.030E-13	4.796E-13	4.534E-09	2.193E-08	5.4283E-10	4.783E-07
Runoff Mass Input 0.002						
183.	2.222E-06	1.521E-06	4.323E-09	2.085E-08	2.0000E-03	4.547E-07
184.	3.019E-12	2.355E-12	6.224E-09	3.099E-08	2.7177E-09	6.744E-07

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS, A.R.= 1.25lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
185.	1.111E-05	7.607E-06	5.654E-09	2.813E-08	1.0000E-02	6.122E-07
186.	1.076E-11	8.417E-12	1.601E-08	8.339E-08	9.6887E-09	1.809E-06
187.	4.404E-12	3.412E-12	1.402E-08	7.344E-08	3.9640E-09	1.593E-06
188.	2.869E-12	2.203E-12	1.279E-08	6.671E-08	2.5822E-09	1.447E-06
189.	2.165E-12	1.656E-12	1.178E-08	6.102E-08	1.9485E-09	1.324E-06
190.	1.820E-12	1.393E-12	1.091E-08	5.611E-08	1.6382E-09	1.218E-06
191.	1.639E-12	1.258E-12	1.021E-08	5.219E-08	1.4749E-09	1.134E-06
192.	1.478E-12	1.139E-12	9.539E-09	4.840E-08	1.3302E-09	1.052E-06
193.	1.336E-12	1.033E-12	8.909E-09	4.488E-08	1.2022E-09	9.759E-07
194.	1.230E-12	9.553E-13	8.368E-09	4.190E-08	1.1074E-09	9.114E-07
195.	1.125E-12	8.775E-13	7.826E-09	3.892E-08	1.0126E-09	8.469E-07
196.	1.051E-12	8.227E-13	7.414E-09	3.670E-08	9.4646E-10	7.989E-07
197.	9.869E-13	7.744E-13	7.038E-09	3.469E-08	8.8837E-10	7.555E-07
198.	9.224E-13	7.260E-13	6.663E-09	3.269E-08	8.3027E-10	7.121E-07
199.	8.578E-13	6.777E-13	6.287E-09	3.069E-08	7.7218E-10	6.688E-07
200.	7.933E-13	6.294E-13	5.911E-09	2.869E-08	7.1409E-10	6.254E-07
201.	7.438E-13	5.919E-13	5.608E-09	2.710E-08	6.6948E-10	5.910E-07
202.	7.015E-13	5.597E-13	5.339E-09	2.572E-08	6.3148E-10	5.609E-07
203.	6.593E-13	5.275E-13	5.071E-09	2.433E-08	5.9347E-10	5.309E-07
204.	6.171E-13	4.954E-13	4.803E-09	2.295E-08	5.5547E-10	5.009E-07
205.	5.749E-13	4.632E-13	4.535E-09	2.157E-08	5.1746E-10	4.709E-07
206.	5.436E-13	4.391E-13	4.327E-09	2.052E-08	4.8933E-10	4.480E-07
207.	5.209E-13	4.213E-13	4.165E-09	1.972E-08	4.6886E-10	4.306E-07
208.	4.981E-13	4.035E-13	4.004E-09	1.892E-08	4.4839E-10	4.132E-07
209.	4.754E-13	3.856E-13	3.842E-09	1.812E-08	4.2792E-10	3.959E-07
210.	4.527E-13	3.678E-13	3.681E-09	1.732E-08	4.0745E-10	3.785E-07
211.	4.299E-13	3.500E-13	3.520E-09	1.653E-08	3.8698E-10	3.611E-07
212.	4.072E-13	3.322E-13	3.358E-09	1.573E-08	3.6651E-10	3.438E-07
213.	3.844E-13	3.144E-13	3.197E-09	1.493E-08	3.4604E-10	3.264E-07
214.	3.617E-13	2.966E-13	3.035E-09	1.413E-08	3.2557E-10	3.090E-07
215.	3.389E-13	2.788E-13	2.874E-09	1.334E-08	3.0510E-10	2.917E-07
216.	3.259E-13	2.683E-13	2.772E-09	1.285E-08	2.9339E-10	2.811E-07
217.	3.129E-13	2.579E-13	2.671E-09	1.237E-08	2.8169E-10	2.705E-07
218.	2.999E-13	2.474E-13	2.570E-09	1.188E-08	2.6998E-10	2.600E-07
219.	2.869E-13	2.370E-13	2.469E-09	1.140E-08	2.5827E-10	2.494E-07
220.	2.739E-13	2.266E-13	2.367E-09	1.092E-08	2.4656E-10	2.388E-07
221.	2.609E-13	2.161E-13	2.266E-09	1.043E-08	2.3486E-10	2.283E-07
222.	2.479E-13	2.057E-13	2.165E-09	9.948E-09	2.2315E-10	2.177E-07
223.	2.349E-13	1.952E-13	2.064E-09	9.464E-09	2.1144E-10	2.072E-07
224.	2.219E-13	1.848E-13	1.962E-09	8.980E-09	1.9974E-10	1.966E-07
225.	2.111E-13	1.761E-13	1.876E-09	8.574E-09	1.9005E-10	1.877E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1971
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
226.	2.033E-13	1.696E-13	1.811E-09	8.267E-09	1.8296E-10	1.810E-07
227.	1.954E-13	1.632E-13	1.745E-09	7.960E-09	1.7587E-10	1.743E-07
228.	1.875E-13	1.568E-13	1.679E-09	7.653E-09	1.6878E-10	1.676E-07
229.	1.796E-13	1.503E-13	1.613E-09	7.346E-09	1.6169E-10	1.609E-07
230.	1.718E-13	1.439E-13	1.548E-09	7.040E-09	1.5460E-10	1.542E-07
231.	1.639E-13	1.374E-13	1.482E-09	6.733E-09	1.4752E-10	1.475E-07
232.	1.560E-13	1.310E-13	1.416E-09	6.426E-09	1.4043E-10	1.408E-07
233.	1.481E-13	1.245E-13	1.350E-09	6.119E-09	1.3334E-10	1.341E-07
234.	1.403E-13	1.181E-13	1.284E-09	5.812E-09	1.2625E-10	1.274E-07
235.	1.353E-13	1.139E-13	1.241E-09	5.612E-09	1.2179E-10	1.230E-07
236.	1.303E-13	1.098E-13	1.197E-09	5.412E-09	1.1732E-10	1.186E-07
237.	1.254E-13	1.057E-13	1.153E-09	5.212E-09	1.1285E-10	1.142E-07
238.	1.204E-13	1.016E-13	1.110E-09	5.012E-09	1.0839E-10	1.098E-07
239.	1.154E-13	9.744E-14	1.066E-09	4.812E-09	1.0392E-10	1.055E-07
240.	1.105E-13	9.331E-14	1.023E-09	4.612E-09	9.9452E-11	1.011E-07
241.	1.055E-13	8.919E-14	9.789E-10	4.412E-09	9.4986E-11	9.670E-08
242.	1.006E-13	8.506E-14	9.353E-10	4.212E-09	9.0519E-11	9.232E-08
243.	9.560E-14	8.094E-14	8.917E-10	4.012E-09	8.6052E-11	8.794E-08
244.	9.162E-14	7.762E-14	8.561E-10	3.850E-09	8.2472E-11	8.439E-08
245.	8.841E-14	7.492E-14	8.269E-10	3.717E-09	7.9580E-11	8.149E-08
246.	8.519E-14	7.222E-14	7.977E-10	3.585E-09	7.6688E-11	7.859E-08
247.	8.198E-14	6.952E-14	7.685E-10	3.452E-09	7.3795E-11	7.568E-08
248.	7.877E-14	6.682E-14	7.393E-10	3.320E-09	7.0903E-11	7.278E-08
249.	7.555E-14	6.412E-14	7.101E-10	3.187E-09	6.8011E-11	6.988E-08
250.	7.234E-14	6.142E-14	6.809E-10	3.055E-09	6.5118E-11	6.698E-08
251.	6.913E-14	5.872E-14	6.517E-10	2.922E-09	6.2226E-11	6.408E-08
252.	6.591E-14	5.602E-14	6.225E-10	2.790E-09	5.9334E-11	6.118E-08
253.	6.270E-14	5.332E-14	5.933E-10	2.657E-09	5.6441E-11	5.827E-08
254.	6.058E-14	5.153E-14	5.735E-10	2.569E-09	5.4532E-11	5.633E-08
255.	5.846E-14	4.973E-14	5.538E-10	2.480E-09	5.2624E-11	5.438E-08
256.	5.634E-14	4.794E-14	5.341E-10	2.391E-09	5.0715E-11	5.243E-08
257.	5.422E-14	4.615E-14	5.144E-10	2.302E-09	4.8806E-11	5.048E-08
258.	5.210E-14	4.435E-14	4.946E-10	2.213E-09	4.6897E-11	4.854E-08
259.	4.998E-14	4.256E-14	4.749E-10	2.124E-09	4.4988E-11	4.659E-08
260.	4.786E-14	4.077E-14	4.552E-10	2.036E-09	4.3080E-11	4.464E-08
261.	4.574E-14	3.897E-14	4.355E-10	1.947E-09	4.1171E-11	4.270E-08
262.	4.362E-14	3.718E-14	4.157E-10	1.858E-09	3.9262E-11	4.075E-08

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1971
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
263.	4.180E-14	3.564E-14	3.987E-10	1.782E-09	3.7626E-11	3.907E-08
264.	4.037E-14	3.443E-14	3.853E-10	1.721E-09	3.6341E-11	3.775E-08
265.	3.894E-14	3.321E-14	3.718E-10	1.661E-09	3.5056E-11	3.643E-08
266.	3.752E-14	3.200E-14	3.584E-10	1.601E-09	3.3772E-11	3.511E-08
267.	3.609E-14	3.079E-14	3.449E-10	1.540E-09	3.2487E-11	3.378E-08
268.	3.466E-14	2.958E-14	3.315E-10	1.480E-09	3.1202E-11	3.246E-08
269.	3.324E-14	2.836E-14	3.180E-10	1.420E-09	2.9917E-11	3.114E-08
270.	3.181E-14	2.715E-14	3.046E-10	1.359E-09	2.8633E-11	2.982E-08
271.	3.038E-14	2.594E-14	2.911E-10	1.299E-09	2.7348E-11	2.849E-08
272.	2.895E-14	2.473E-14	2.776E-10	1.239E-09	2.6063E-11	2.717E-08
273.	2.799E-14	2.391E-14	2.684E-10	1.197E-09	2.5196E-11	2.627E-08
274.	2.703E-14	2.308E-14	2.592E-10	1.156E-09	2.4328E-11	2.536E-08
275.	2.606E-14	2.226E-14	2.500E-10	1.115E-09	2.3461E-11	2.446E-08
276.	2.510E-14	2.144E-14	2.408E-10	1.074E-09	2.2593E-11	2.356E-08
277.	2.414E-14	2.062E-14	2.316E-10	1.033E-09	2.1726E-11	2.266E-08
278.	2.317E-14	1.980E-14	2.224E-10	9.916E-10	2.0858E-11	2.175E-08
279.	2.221E-14	1.898E-14	2.132E-10	9.505E-10	1.9990E-11	2.085E-08

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS, A.R.= 1.25lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
280.	2.124E-14	1.815E-14	2.040E-10	9.093E-10	1.9123E-11	1.995E-08
281.	2.028E-14	1.733E-14	1.948E-10	8.681E-10	1.8255E-11	1.904E-08
282.	1.949E-14	1.666E-14	1.872E-10	8.343E-10	1.7542E-11	1.830E-08
283.	1.883E-14	1.609E-14	1.809E-10	8.063E-10	1.6949E-11	1.769E-08
284.	1.817E-14	1.553E-14	1.746E-10	7.782E-10	1.6356E-11	1.707E-08
285.	1.751E-14	1.497E-14	1.683E-10	7.501E-10	1.5762E-11	1.646E-08
286.	1.685E-14	1.441E-14	1.620E-10	7.220E-10	1.5169E-11	1.584E-08
287.	1.619E-14	1.384E-14	1.557E-10	6.940E-10	1.4576E-11	1.522E-08
288.	1.553E-14	1.328E-14	1.494E-10	6.659E-10	1.3983E-11	1.461E-08
289.	1.487E-14	1.272E-14	1.432E-10	6.378E-10	1.3389E-11	1.399E-08
290.	1.422E-14	1.216E-14	1.369E-10	6.097E-10	1.2796E-11	1.338E-08
291.	1.356E-14	1.159E-14	1.306E-10	5.817E-10	1.2203E-11	1.276E-08
292.	1.311E-14	1.121E-14	1.263E-10	5.625E-10	1.1800E-11	1.234E-08
293.	1.266E-14	1.083E-14	1.220E-10	5.433E-10	1.1397E-11	1.192E-08
294.	1.221E-14	1.045E-14	1.177E-10	5.241E-10	1.0994E-11	1.150E-08
295.	1.177E-14	1.006E-14	1.134E-10	5.050E-10	1.0591E-11	1.108E-08
296.	1.132E-14	9.681E-15	1.091E-10	4.858E-10	1.0188E-11	1.066E-08
297.	1.087E-14	9.298E-15	1.048E-10	4.666E-10	9.7844E-12	1.024E-08
298.	1.042E-14	8.915E-15	1.005E-10	4.474E-10	9.3814E-12	9.815E-09
299.	9.974E-15	8.533E-15	9.616E-11	4.282E-10	8.9783E-12	9.395E-09
300.	9.526E-15	8.150E-15	9.186E-11	4.091E-10	8.5752E-12	8.974E-09
301.	9.140E-15	7.820E-15	8.814E-11	3.925E-10	8.2275E-12	8.611E-09
302.	8.833E-15	7.557E-15	8.518E-11	3.793E-10	7.9511E-12	8.322E-09
303.	8.526E-15	7.295E-15	8.223E-11	3.661E-10	7.6748E-12	8.033E-09
304.	8.219E-15	7.032E-15	7.927E-11	3.530E-10	7.3984E-12	7.744E-09
305.	7.912E-15	6.770E-15	7.631E-11	3.398E-10	7.1220E-12	7.455E-09
306.	7.605E-15	6.507E-15	7.336E-11	3.266E-10	6.8457E-12	7.166E-09
307.	7.298E-15	6.245E-15	7.040E-11	3.134E-10	6.5693E-12	6.877E-09
308.	6.991E-15	5.982E-15	6.744E-11	3.003E-10	6.2929E-12	6.588E-09
309.	6.684E-15	5.720E-15	6.448E-11	2.871E-10	6.0165E-12	6.299E-09
310.	6.377E-15	5.457E-15	6.153E-11	2.739E-10	5.7402E-12	6.010E-09
311.	6.166E-15	5.277E-15	5.949E-11	2.649E-10	5.5505E-12	5.811E-09
312.	5.955E-15	5.097E-15	5.746E-11	2.558E-10	5.3608E-12	5.612E-09

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS, A.R.= 1.25lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
313.	5.745E-15	4.916E-15	5.543E-11	2.468E-10	5.1710E-12	5.413E-09
314.	5.534E-15	4.736E-15	5.339E-11	2.377E-10	4.9813E-12	5.215E-09
315.	5.323E-15	4.556E-15	5.136E-11	2.286E-10	4.7916E-12	5.016E-09
316.	5.112E-15	4.375E-15	4.932E-11	2.196E-10	4.6019E-12	4.817E-09
317.	4.902E-15	4.195E-15	4.729E-11	2.105E-10	4.4122E-12	4.619E-09
318.	4.691E-15	4.015E-15	4.526E-11	2.015E-10	4.2225E-12	4.420E-09
319.	4.480E-15	3.834E-15	4.322E-11	1.924E-10	4.0328E-12	4.221E-09
320.	4.307E-15	3.686E-15	4.155E-11	1.850E-10	3.8766E-12	4.058E-09
321.	4.162E-15	3.562E-15	4.016E-11	1.788E-10	3.7463E-12	3.922E-09
322.	4.017E-15	3.438E-15	3.876E-11	1.726E-10	3.6160E-12	3.786E-09
323.	3.872E-15	3.314E-15	3.737E-11	1.664E-10	3.4858E-12	3.650E-09
324.	3.728E-15	3.190E-15	3.598E-11	1.601E-10	3.3555E-12	3.514E-09
325.	3.583E-15	3.067E-15	3.458E-11	1.539E-10	3.2253E-12	3.377E-09
326.	3.438E-15	2.943E-15	3.319E-11	1.477E-10	3.0950E-12	3.241E-09
327.	3.294E-15	2.819E-15	3.180E-11	1.415E-10	2.9648E-12	3.105E-09
328.	3.149E-15	2.695E-15	3.040E-11	1.353E-10	2.8345E-12	2.969E-09
329.	3.004E-15	2.571E-15	2.901E-11	1.291E-10	2.7043E-12	2.833E-09
330.	2.905E-15	2.487E-15	2.806E-11	1.249E-10	2.6153E-12	2.740E-09
331.	2.806E-15	2.402E-15	2.710E-11	1.206E-10	2.5262E-12	2.647E-09
332.	2.708E-15	2.318E-15	2.615E-11	1.164E-10	2.4372E-12	2.553E-09
333.	2.609E-15	2.233E-15	2.519E-11	1.121E-10	2.3482E-12	2.460E-09

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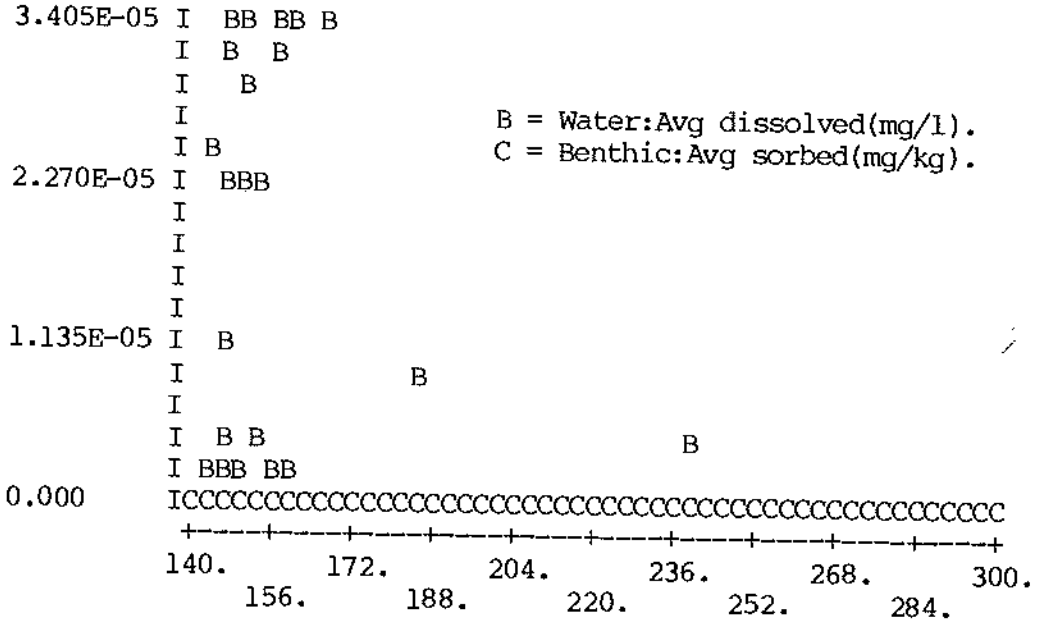
EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFO,A.R.= 1.25lb/A. Year 1971
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
334.	2.510E-15	2.148E-15	2.424E-11	1.079E-10	2.2592E-12	2.367E-09
335.	2.411E-15	2.064E-15	2.328E-11	1.036E-10	2.1702E-12	2.274E-09
336.	2.312E-15	1.979E-15	2.233E-11	9.939E-11	2.0812E-12	2.180E-09
337.	2.213E-15	1.894E-15	2.137E-11	9.514E-11	1.9922E-12	2.087E-09
338.	2.114E-15	1.810E-15	2.042E-11	9.089E-11	1.9031E-12	1.994E-09
339.	2.029E-15	1.737E-15	1.960E-11	8.722E-11	1.8263E-12	1.913E-09
340.	1.961E-15	1.678E-15	1.894E-11	8.429E-11	1.7651E-12	1.849E-09
341.	1.893E-15	1.620E-15	1.828E-11	8.137E-11	1.7039E-12	1.785E-09
342.	1.825E-15	1.562E-15	1.762E-11	7.844E-11	1.6428E-12	1.721E-09
343.	1.757E-15	1.504E-15	1.697E-11	7.552E-11	1.5816E-12	1.657E-09
344.	1.689E-15	1.446E-15	1.631E-11	7.260E-11	1.5204E-12	1.593E-09
345.	1.621E-15	1.388E-15	1.565E-11	6.967E-11	1.4593E-12	1.529E-09
346.	1.553E-15	1.329E-15	1.500E-11	6.675E-11	1.3981E-12	1.464E-09
347.	1.485E-15	1.271E-15	1.434E-11	6.382E-11	1.3369E-12	1.400E-09
348.	1.417E-15	1.213E-15	1.368E-11	6.090E-11	1.2758E-12	1.336E-09
349.	1.371E-15	1.173E-15	1.323E-11	5.889E-11	1.2337E-12	1.292E-09
350.	1.324E-15	1.133E-15	1.278E-11	5.688E-11	1.1916E-12	1.248E-09
351.	1.277E-15	1.093E-15	1.233E-11	5.486E-11	1.1496E-12	1.204E-09
352.	1.230E-15	1.053E-15	1.187E-11	5.285E-11	1.1075E-12	1.160E-09
353.	1.184E-15	1.013E-15	1.142E-11	5.084E-11	1.0655E-12	1.115E-09
Runoff Mass Input 0.001 kg.						
354.	1.111E-06	7.607E-07	1.097E-11	4.883E-11	1.0000E-03	1.071E-09
355.	1.314E-12	1.018E-12	1.091E-09	5.807E-09	1.1831E-09	1.258E-07
356.	3.768E-13	2.913E-13	9.253E-10	4.996E-09	3.3916E-10	1.081E-07
357.	2.271E-13	1.732E-13	8.320E-10	4.484E-09	2.0440E-10	9.705E-08
358.	1.607E-13	1.214E-13	7.583E-10	4.062E-09	1.4462E-10	8.796E-08
359.	1.289E-13	9.710E-14	6.962E-10	3.701E-09	1.1602E-10	8.017E-08
360.	1.153E-13	8.699E-14	6.486E-10	3.425E-09	1.0374E-10	7.423E-08
361.	1.021E-13	7.730E-14	6.015E-10	3.152E-09	9.1944E-11	6.835E-08
362.	9.132E-14	6.933E-14	5.589E-10	2.906E-09	8.2199E-11	6.305E-08
363.	8.331E-14	6.349E-14	5.218E-10	2.694E-09	7.4994E-11	5.849E-08
364.	7.531E-14	5.765E-14	4.848E-10	2.483E-09	6.7789E-11	5.392E-08
365.	7.035E-14	5.401E-14	4.588E-10	2.339E-09	6.3323E-11	5.081E-08

MASS: DAY 140 0.000001 kg.
MASS: DAY 145 0.007 kg.
MASS: DAY 148 0.044 kg
MASS: DAY 149 0.006 kg.
MASS: DAY 185 0.008 kg.
MASS: DAY 220 0.009 kg.
MASS: DAY 233 0.001 kg.
MASS: DAY 239 0.004 kg.

System: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. =0.784lb/A. Year 1970. Basin: Tifton.



EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. = 0.784 lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
Initial Mass Input 0.000001 kg.						
140.	1.111E-09	7.607E-10	0.000	0.000	1.0000E-06	0.000
141.	-1.460E-05	-9.891E-06	6.830E-09	4.617E-08	-1.3141E-02	9.864E-07
142.	-4.077E-06	-2.793E-06	1.951E-09	1.309E-08	-3.6694E-03	2.797E-07
143.	-6.041E-06	-4.140E-06	2.893E-09	1.940E-08	-5.4379E-03	4.147E-07
144.	2.419E-06	1.661E-06	-1.162E-09	-7.783E-09	2.1778E-03	-1.663E-07
Runoff Mass Input 0.007 kg						
145.	1.073E-05	7.350E-06	-1.416E-09	-9.491E-09	9.6580E-03	-2.028E-07
146.	2.354E-05	1.594E-05	-3.636E-09	-3.483E-08	2.1187E-02	-7.327E-07
147.	3.481E-06	2.371E-06	4.603E-09	2.292E-08	3.1335E-03	4.988E-07
Runoff Mass Input 0.0044 kg.						
148.	3.405E-05	2.334E-05	1.268E-08	7.786E-08	3.0646E-02	1.672E-06
149.	3.005E-05	1.735E-05	4.480E-08	2.214E-07	2.7044E-02	4.821E-06
150.	3.351E-06	2.257E-06	4.876E-08	2.622E-07	3.0161E-03	5.677E-06
151.	3.061E-06	2.070E-06	4.364E-08	2.338E-07	2.7553E-03	5.062E-06
152.	3.711E-06	2.531E-06	3.936E-08	2.083E-07	3.3407E-03	4.514E-06
153.	-2.541E-06	-1.733E-06	3.892E-08	2.081E-07	-2.2875E-03	4.507E-06
154.	-6.214E-06	-4.244E-06	3.764E-08	2.020E-07	-5.5936E-03	4.374E-06
155.	-4.002E-06	-2.734E-06	3.387E-08	1.791E-07	-3.6020E-03	3.882E-06
156.	1.789E-06	1.222E-06	2.868E-08	1.465E-07	1.6105E-03	3.182E-06
157.	2.832E-06	1.935E-06	2.598E-08	1.306E-07	2.5489E-03	2.839E-06
158.	-5.010E-07	-3.425E-07	2.559E-08	1.300E-07	-4.5097E-04	2.824E-06
159.	1.879E-06	1.285E-06	2.266E-08	1.122E-07	1.6915E-03	2.443E-06
160.	-1.086E-06	-7.425E-07	2.244E-08	1.127E-07	-9.7754E-04	2.450E-06
161.	3.117E-07	2.131E-07	2.029E-08	1.000E-07	2.8054E-04	2.178E-06
162.	-4.914E-06	-3.361E-06	2.143E-08	1.094E-07	-4.4235E-03	2.376E-06
163.	-1.004E-10	-6.845E-11	1.786E-08	8.699E-08	-9.0413E-08	1.896E-06
164.	2.227E-12	1.771E-12	1.674E-08	8.102E-08	2.0051E-09	1.767E-06
165.	2.060E-12	1.645E-12	1.573E-08	7.567E-08	1.8540E-09	1.651E-06
166.	1.911E-12	1.532E-12	1.481E-08	7.090E-08	1.7205E-09	1.547E-06
167.	1.776E-12	1.430E-12	1.396E-08	6.650E-08	1.5988E-09	1.452E-06
168.	1.656E-12	1.338E-12	1.319E-08	6.253E-08	1.4908E-09	1.365E-06
169.	1.549E-12	1.255E-12	1.248E-08	5.893E-08	1.3941E-09	1.287E-06
170.	1.456E-12	1.184E-12	1.185E-08	5.577E-08	1.3110E-09	1.219E-06
171.	1.364E-12	1.112E-12	1.123E-08	5.262E-08	1.2279E-09	1.150E-06
172.	1.281E-12	1.047E-12	1.065E-08	4.973E-08	1.1526E-09	1.087E-06
173.	1.207E-12	9.897E-13	1.012E-08	4.715E-08	1.0867E-09	1.031E-06

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. = 0.784 lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
174.	1.134E-12	9.323E-13	9.600E-09	4.457E-08	1.0208E-09	9.748E-07
175.	1.073E-12	8.839E-13	9.149E-09	4.238E-08	9.6575E-10	9.269E-07
176.	1.023E-12	8.442E-13	8.769E-09	4.055E-08	9.2106E-10	8.870E-07
177.	9.736E-13	8.045E-13	8.388E-09	3.872E-08	8.7637E-10	8.471E-07
178.	9.239E-13	7.648E-13	8.007E-09	3.689E-08	8.3167E-10	8.072E-07
179.	8.743E-13	7.251E-13	7.626E-09	3.506E-08	7.8698E-10	7.673E-07
180.	8.246E-13	6.854E-13	7.246E-09	3.323E-08	7.4228E-10	7.274E-07
181.	7.841E-13	6.528E-13	6.925E-09	3.171E-08	7.0580E-10	6.941E-07
182.	7.493E-13	6.245E-13	6.643E-09	3.038E-08	6.7452E-10	6.651E-07
183.	7.146E-13	5.963E-13	6.361E-09	2.905E-08	6.4324E-10	6.360E-07
184.	6.798E-13	5.681E-13	6.078E-09	2.772E-08	6.1196E-10	6.070E-07
Runoff Mass Input 0.008 kg.						
185.	8.888E-06	6.085E-06	5.796E-09	2.639E-08	8.0000E-03	5.780E-07
186.	1.086E-11	8.451E-12	1.416E-08	7.115E-08	9.7750E-09	1.547E-06
187.	3.676E-12	2.882E-12	1.257E-08	6.341E-08	3.3088E-09	1.379E-06
188.	2.273E-12	1.773E-12	1.153E-08	5.793E-08	2.0459E-09	1.260E-06
189.	1.830E-12	1.428E-12	1.075E-08	5.368E-08	1.6470E-09	1.168E-06
190.	1.531E-12	1.197E-12	1.003E-08	4.976E-08	1.3784E-09	1.083E-06
191.	1.364E-12	1.070E-12	9.390E-09	4.631E-08	1.2274E-09	1.008E-06
192.	1.247E-12	9.821E-13	8.850E-09	4.342E-08	1.1227E-09	9.458E-07
193.	1.155E-12	9.127E-13	8.355E-09	4.079E-08	1.0398E-09	8.887E-07
194.	1.063E-12	8.434E-13	7.860E-09	3.815E-08	9.5693E-10	8.317E-07
195.	9.853E-13	7.846E-13	7.418E-09	3.582E-08	8.8694E-10	7.812E-07
196.	9.209E-13	7.357E-13	7.024E-09	3.378E-08	8.2898E-10	7.368E-07
197.	8.566E-13	6.868E-13	6.630E-09	3.173E-08	7.7102E-10	6.924E-07
198.	8.009E-13	6.444E-13	6.281E-09	2.993E-08	7.2096E-10	6.533E-07
199.	7.612E-13	6.136E-13	6.011E-09	2.857E-08	6.8522E-10	6.238E-07
200.	7.215E-13	5.828E-13	5.741E-09	2.722E-08	6.4948E-10	5.944E-07
201.	6.818E-13	5.520E-13	5.471E-09	2.587E-08	6.1375E-10	5.649E-07
202.	6.421E-13	5.213E-13	5.202E-09	2.451E-08	5.7801E-10	5.355E-07
203.	6.024E-13	4.905E-13	4.932E-09	2.316E-08	5.4227E-10	5.060E-07
204.	5.632E-13	4.600E-13	4.665E-09	2.182E-08	5.0692E-10	4.768E-07
205.	5.374E-13	4.396E-13	4.474E-09	2.089E-08	4.8371E-10	4.567E-07
206.	5.116E-13	4.192E-13	4.284E-09	1.996E-08	4.6050E-10	4.365E-07
207.	4.858E-13	3.988E-13	4.094E-09	1.904E-08	4.3729E-10	4.163E-07
208.	4.600E-13	3.784E-13	3.904E-09	1.811E-08	4.1407E-10	3.961E-07
209.	4.342E-13	3.580E-13	3.714E-09	1.718E-08	3.9086E-10	3.759E-07
210.	4.084E-13	3.376E-13	3.523E-09	1.626E-08	3.6765E-10	3.557E-07

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. = 0.784 lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
211.	3.903E-13	3.231E-13	3.383E-09	1.558E-08	3.5131E-10	3.410E-07
212.	3.753E-13	3.110E-13	3.262E-09	1.501E-08	3.3783E-10	3.286E-07
213.	3.603E-13	2.988E-13	3.142E-09	1.445E-08	3.2435E-10	3.162E-07
214.	3.454E-13	2.867E-13	3.022E-09	1.388E-08	3.1087E-10	3.037E-07
215.	3.304E-13	2.746E-13	2.902E-09	1.331E-08	2.9739E-10	2.913E-07
216.	3.154E-13	2.624E-13	2.781E-09	1.274E-08	2.8391E-10	2.789E-07
217.	3.004E-13	2.503E-13	2.661E-09	1.217E-08	2.7043E-10	2.665E-07
218.	2.854E-13	2.382E-13	2.541E-09	1.160E-08	2.5695E-10	2.541E-07
219.	2.705E-13	2.261E-13	2.421E-09	1.103E-08	2.4347E-10	2.417E-07
Runoff Mass Input 0.001 kg.						
220.	1.111E-06	7.607E-07	2.300E-09	1.047E-08	1.0000E-03	2.292E-07
221.	1.554E-12	1.219E-12	3.265E-09	1.568E-08	1.3992E-09	3.421E-07
222.	6.038E-13	4.820E-13	2.991E-09	1.436E-08	5.4347E-10	3.134E-07
223.	4.420E-13	3.540E-13	2.798E-09	1.338E-08	3.9789E-10	2.921E-07
224.	3.643E-13	2.930E-13	2.629E-09	1.252E-08	3.2794E-10	2.733E-07
225.	3.219E-13	2.600E-13	2.477E-09	1.174E-08	2.8979E-10	2.563E-07
226.	2.991E-13	2.423E-13	2.349E-09	1.110E-08	2.6926E-10	2.424E-07
227.	2.769E-13	2.250E-13	2.223E-09	1.046E-08	2.4926E-10	2.285E-07
228.	2.575E-13	2.099E-13	2.105E-09	9.868E-09	2.3179E-10	2.157E-07
229.	2.416E-13	1.975E-13	1.998E-09	9.336E-09	2.1745E-10	2.041E-07
230.	2.257E-13	1.851E-13	1.891E-09	8.804E-09	2.0312E-10	1.925E-07
231.	2.144E-13	1.762E-13	1.809E-09	8.404E-09	1.9301E-10	1.838E-07
232.	2.036E-13	1.676E-13	1.728E-09	8.013E-09	1.8326E-10	1.753E-07
RUnoff Mass Input 0.001 kg.						
233.	1.111E-06	7.607E-07	1.648E-09	7.623E-09	1.0000E-03	1.668E-07
234.	1.494E-12	1.166E-12	2.641E-09	1.295E-08	1.3447E-09	2.822E-07
235.	5.454E-13	4.311E-13	2.394E-09	1.175E-08	4.9094E-10	2.559E-07
236.	3.859E-13	3.051E-13	2.226E-09	1.088E-08	3.4735E-10	2.370E-07
237.	3.103E-13	2.460E-13	2.082E-09	1.012E-08	2.7935E-10	2.206E-07
238.	2.701E-13	2.149E-13	1.953E-09	9.441E-09	2.4312E-10	2.059E-07
Runoff Mass Input 0.004 kg.						
239.	4.444E-06	3.043E-06	1.848E-09	8.891E-09	4.0000E-03	1.939E-07
240.	4.822E-12	3.755E-12	6.055E-09	3.133E-08	4.3407E-09	6.801E-07
241.	1.703E-12	1.323E-12	5.293E-09	2.757E-08	1.5328E-09	5.982E-07
242.	1.094E-12	8.428E-13	4.830E-09	2.506E-08	9.8491E-10	5.438E-07
243.	8.174E-13	6.272E-13	4.451E-09	2.294E-08	7.3578E-10	4.981E-07
244.	6.799E-13	5.220E-13	4.124E-09	2.110E-08	6.1197E-10	4.583E-07
245.	6.151E-13	4.737E-13	3.867E-09	1.966E-08	5.5371E-10	4.273E-07
246.	5.533E-13	4.276E-13	3.612E-09	1.824E-08	4.9809E-10	3.965E-07

EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. = 0.784 lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
	Water Column		Bottom Sediments			
Days	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Water Col Total kg	Sediments Total kg
247.	5.012E-13	3.888E-13	3.379E-09	1.695E-08	4.5112E-10	3.686E-07
248.	4.614E-13	3.593E-13	3.174E-09	1.582E-08	4.1528E-10	3.442E-07
249.	4.215E-13	3.298E-13	2.969E-09	1.470E-08	3.7945E-10	3.199E-07
250.	3.958E-13	3.105E-13	2.820E-09	1.390E-08	3.5628E-10	3.028E-07
251.	3.714E-13	2.922E-13	2.677E-09	1.314E-08	3.3432E-10	2.863E-07
252.	3.470E-13	2.739E-13	2.533E-09	1.238E-08	3.1236E-10	2.698E-07
253.	3.226E-13	2.556E-13	2.390E-09	1.162E-08	2.9040E-10	2.533E-07
254.	2.982E-13	2.373E-13	2.247E-09	1.086E-08	2.6844E-10	2.368E-07
255.	2.810E-13	2.242E-13	2.138E-09	1.030E-08	2.5296E-10	2.247E-07
256.	2.650E-13	2.119E-13	2.035E-09	9.771E-09	2.3850E-10	2.132E-07
257.	2.489E-13	1.997E-13	1.932E-09	9.242E-09	2.2404E-10	2.017E-07
258.	2.328E-13	1.874E-13	1.829E-09	8.713E-09	2.0958E-10	1.902E-07
259.	2.168E-13	1.751E-13	1.727E-09	8.184E-09	1.9512E-10	1.787E-07
260.	2.068E-13	1.674E-13	1.657E-09	7.839E-09	1.8615E-10	1.712E-07
261.	1.982E-13	1.606E-13	1.596E-09	7.536E-09	1.7841E-10	1.646E-07
262.	1.896E-13	1.539E-13	1.534E-09	7.233E-09	1.7068E-10	1.580E-07
263.	1.810E-13	1.471E-13	1.473E-09	6.930E-09	1.6294E-10	1.514E-07
264.	1.724E-13	1.404E-13	1.411E-09	6.626E-09	1.5520E-10	1.448E-07
265.	1.638E-13	1.336E-13	1.349E-09	6.323E-09	1.4746E-10	1.382E-07
266.	1.552E-13	1.269E-13	1.288E-09	6.020E-09	1.3973E-10	1.316E-07
267.	1.466E-13	1.201E-13	1.226E-09	5.716E-09	1.3199E-10	1.250E-07
268.	1.380E-13	1.134E-13	1.165E-09	5.413E-09	1.2425E-10	1.184E-07
269.	1.294E-13	1.066E-13	1.103E-09	5.110E-09	1.1652E-10	1.118E-07
270.	1.246E-13	1.027E-13	1.065E-09	4.927E-09	1.1211E-10	1.078E-07
271.	1.197E-13	9.874E-14	1.026E-09	4.744E-09	1.0771E-10	1.038E-07
272.	1.148E-13	9.481E-14	9.878E-10	4.561E-09	1.0331E-10	9.979E-08
273.	1.099E-13	9.087E-14	9.494E-10	4.378E-09	9.8908E-11	9.579E-08
274.	1.050E-13	8.694E-14	9.110E-10	4.195E-09	9.4506E-11	9.180E-08
275.	1.001E-13	8.300E-14	8.725E-10	4.012E-09	9.0104E-11	8.780E-08
276.	9.521E-14	7.907E-14	8.341E-10	3.829E-09	8.5702E-11	8.381E-08
277.	9.032E-14	7.513E-14	7.957E-10	3.646E-09	8.1300E-11	7.982E-08
278.	8.543E-14	7.120E-14	7.573E-10	3.463E-09	7.6898E-11	7.582E-08
279.	8.088E-14	6.753E-14	7.213E-10	3.292E-09	7.2809E-11	7.209E-08
280.	7.788E-14	6.507E-14	6.961E-10	3.175E-09	7.0104E-11	6.952E-08
281.	7.488E-14	6.260E-14	6.708E-10	3.057E-09	6.7399E-11	6.695E-08
282.	7.187E-14	6.014E-14	6.456E-10	2.940E-09	6.4695E-11	6.438E-08

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EXAMS -- EXposure Analysis Modeling System -- V2.0: Mode 2
Ecosystem: RIVER, AERL DEVELOPMENT PHASE TEST DEFINITION
Chemical: TERBUFOS,A.R. = 0.784 lb/A. Year 1970.
Basin: Tifton.

TABLE 16. Simulation results -- time-trace of chemical concentrations.

Time	Average Chemical Concentrations				Mass of Chemical	
Days	Water Column		Bottom Sediments		Water Col	Sediments
	Free(mg/L)	Sed(mg/kg)	Pore(mg/L)	Sed(mg/kg)	Total kg	Total kg
283.	6.887E-14	5.768E-14	6.204E-10	2.822E-09	6.1990E-11	6.181E-08
284.	6.586E-14	5.521E-14	5.951E-10	2.705E-09	5.9285E-11	5.924E-08
285.	6.286E-14	5.275E-14	5.699E-10	2.587E-09	5.6581E-11	5.667E-08
286.	5.985E-14	5.028E-14	5.446E-10	2.470E-09	5.3876E-11	5.410E-08
287.	5.685E-14	4.782E-14	5.194E-10	2.352E-09	5.1171E-11	5.154E-08
288.	5.384E-14	4.535E-14	4.941E-10	2.235E-09	4.8467E-11	4.897E-08
289.	5.192E-14	4.376E-14	4.772E-10	2.157E-09	4.6740E-11	4.727E-08
290.	5.001E-14	4.216E-14	4.603E-10	2.080E-09	4.5013E-11	4.557E-08
291.	4.809E-14	4.056E-14	4.434E-10	2.002E-09	4.3285E-11	4.388E-08
292.	4.617E-14	3.897E-14	4.265E-10	1.925E-09	4.1558E-11	4.218E-08
293.	4.425E-14	3.737E-14	4.096E-10	1.847E-09	3.9831E-11	4.048E-08
294.	4.233E-14	3.577E-14	3.926E-10	1.770E-09	3.8104E-11	3.879E-08
295.	4.041E-14	3.418E-14	3.757E-10	1.692E-09	3.6377E-11	3.709E-08
296.	3.849E-14	3.258E-14	3.588E-10	1.615E-09	3.4650E-11	3.540E-08
297.	3.658E-14	3.098E-14	3.419E-10	1.537E-09	3.2923E-11	3.370E-08
298.	3.522E-14	2.985E-14	3.296E-10	1.481E-09	3.1700E-11	3.248E-08
299.	3.398E-14	2.881E-14	3.184E-10	1.430E-09	3.0591E-11	3.136E-08
300.	3.275E-14	2.777E-14	3.071E-10	1.380E-09	2.9482E-11	3.025E-08