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**Date:** 07/19/2006 3:45:30 PM  
**Subject:** Remainder of Idaho TFF information

Xiaosong/Ryan-

Attached are the four final documents requested during the June 1 and June 20, 2006 meetings. This fulfills DOE technical information requested by your organization for the Idaho Tank Farm Facility Waste Determination.

It would be helpful, to assist in our internal schedule development, if you were able to provide a timeframe for release of the NRC TER. Please let me know if that is possible.

Thanks, <<Strontium-90 release\_7-19-06.pdf>> <<Groundwater Concentrations at Nodes\_7-18-06.pdf>> <<Lateral Movement\_7-18-06.pdf>> <<Perched water\_7-18-06.pdf>>

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Strontium-90 release_7-19-06.pdf		22853
Groundwater Concentrations at Nodes_7-18-06.pdf		354123
Lateral Movement_7-18-06.pdf	44349	
Perched water_7-18-06.pdf	312446	
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## Analysis of Delayed $^{90}\text{Sr}$ Release from the Grouted Vault and Sandpad

During meetings between NRC and DOE on June 1 and June 20, 2006, the release of short-lived radionuclides from the sandpad was discussed. The release of  $^{90}\text{Sr}$  beginning at 100 years post-closure and the effect on potential dose was discussed. This paper has been prepared in order to provide some perspective on the conservative base case assumption of release of radionuclides beginning 100 years post-closure. Alternative assumptions of radionuclide release from the sandpads of 250 and 500 years are examined in this report.

The model results in Appendix E of the performance assessment (PA) (DOE-ID 2003) show that maximum degradation (from reinforcement corrosion) cracks the concrete and causes the outer vault to turn to rubble after about 500 years. Once the outer vault completely degrades, the grout between the vault and the tank turns to rubble at approximately 5,000 years. The tank and grout contained in the tank completely degrade and turn to rubble at about 40,000 years. The grout associated with the piping turns to rubble after about 500 years. The predominant chemical attack on the grout is from sulfate and magnesium attack. Sensitivity analysis indicates the times for the four zones to turn to rubble can vary greatly, from tens of years to tens of thousands of years or beyond. The degradation of the vault grout occurs incrementally. As shown in Figure E-12 in Appendix E of the PA, the hydraulic conductivity initially is  $1.00\text{E}-13$  m/s and changes to approximately  $1.00\text{E}-12$  m/s and  $1.00\text{E}-09$  m/s at 250 and 500 years post-closure.

The potential degradation mechanisms and factors discussed in Appendix E of the PA that can affect permeability from the tank, concrete, grout, and piping include initial cracks and voids (i.e., initial conditions), sulfate and magnesium attack, calcium hydroxide leaching, alkali-aggregate reaction, carbonation, acid attack, and corrosion of the tank, pipes, and reinforcement.

Consideration of the alternative release time from the sandpad is supported by the PA degradation analysis for the vault and grouted tank. The base case for the grouted tank to release radionuclides is 500 years but, as stated above, it is expected to remain intact for thousands of years. The grouted tank integrity is important to the release of the sandpad radionuclides. The sandpad lies directly under the tank. The grouted tank shields the sandpad from infiltration of precipitation or run-off, therefore limiting contact with contamination in the grouted sandpad and restricting release rates.

The inventory of radionuclides in the sandpad has been estimated in the PA and in a subsequent response to NRC Comment 4. The inventory of short-lived radionuclides available for transport to the aquifer is an important consideration in the PA. Specifically,  $^{90}\text{Sr}$  has been identified as the most significant contributor to potential dose because of its relatively short half-life, relatively large inventory, and mobility in the unsaturated zone.

The inventory of  $^{90}\text{Sr}$  in the sandpad was estimated at 249 Ci in the PA. The sensitivity/uncertainty analysis performed for the response to NRC Comment 4 varied initial saturation and sorption coefficient values for the two-dimensional advective flow model. Initial saturation of the sandpad was varied from 0.06 (i.e., dry sand) to 0.68 (partially saturated sand), with intermediate values of 0.3 and 0.5. Three transport cases were assessed during the two-dimensional advective modeling: (1) PA sandpad sorption coefficients; (2) moderate pH, low clay sorption coefficients; and (3) low pH, low clay sorption coefficients. The PA sorption coefficients were considered to be bounding.

Using the moderate sorption coefficients from each of the four simulations with different starting saturations, four inventories of  $^{90}\text{Sr}$  have been examined in the context of extension of failure of the grouted vault past 100 years. A comparison of  $^{90}\text{Sr}$  inventory at 100, 250, and 500 years was performed.

The radionuclide  $^{90}\text{Sr}$  is relatively short-lived with a half-life of 28.6 years. As shown in Table 1, the inventory of  $^{90}\text{Sr}$  in the vault decay significantly at 250 and 500 years post-closure.

Table 1. Decay of  $^{90}\text{Sr}$  inventory.

Moderate $K_d$ Inventory	Starting Inventory (Ci)	Decay at 100 years (Ci)	Decay at 250 years (Ci)	Decay at 500 years (Ci)
0.68 Saturation	804	71.2	2	4.40E-03
0.5 Saturation	1,258	111.5	2.9	6.80E-03
0.3 Saturation	1,761	156	4.1	9.60E-03
0.06 Saturation	2,362	209.3	5.5	1.30E-02
PA Inventory	249	22.4	0.6	1.40E-03

Considering the results of the degradation analysis and impediment to infiltration that the grouted tank will have on infiltration to the sandpad, a 250- or 500-year date for release of  $^{90}\text{Sr}$  from the sandpad is a reasonable sensitivity case. The effect of delaying release will provide significant decreases in  $^{90}\text{Sr}$  inventory available and provide a subsequent decrease in the all-pathways radiation dose.

Dose scaling techniques were performed with the decayed  $^{90}\text{Sr}$  inventory to 250 and 500 years post-closure. The base case infiltration and sorption coefficients from the PA were used in the modeling performed for the all-pathways dose. The sandpad doses were determined through the use of a dose conversion factor, which is defined as the ratio between the radiological inventory (in units of Ci) and the radiological dose (in units of mrem/yr) as determined in the PA (PEI-EDF-1020, 2005). Table 2 shows the predicted all-pathways dose for  $^{90}\text{Sr}$  at 250 and 500 years post-closure.

Table 2. All-pathways dose scaling for  $^{90}\text{Sr}$  using inventory in 250 and 500 years post-closure.

Time Post-Closure (years)	Supplemental Modeling Highest Starting Inventory (2,362 Ci) (mrem/yr)	Supplemental Modeling Best Starting Inventory (804 Ci) (mrem/yr)	PA Diffusion Model Dose Results Based on Inventory of 249 Ci (mrem/yr)
250	2.68E-08	2.49E-08	2.65E-08
500	6.34E-11	5.47E-11	6.19E-11

An additional analysis was performed to predict the all-pathways dose at 250 and 500 years post-closure, but allowing less time for transport of  $^{90}\text{Sr}$ . The time to peak release was reduced by 100 years to approximate faster travel times to the aquifer. This analysis was performed by decreasing the decay date by 100 years. This analysis does not change any of the modeling assumptions other than artificially altering the transport time to the aquifer by changing the radioactive decay dates. All-pathways dose scaling was performed by using a decay date of 150 and 400 years post-closure to represent the 250- and 500-year vault failure dates, thereby simulating a 100-year decrease in transport time to the aquifer. The results of the analysis are shown in Table 3.

Table 3. All-pathways dose scaling for  $^{90}\text{Sr}$  using decreased decay time.

Time Post-Closure (years)	Supplemental Modeling Highest Inventory (mrem/yr)	Supplemental Modeling Best Inventory (mrem/yr)	PA Diffusion Model Dose Results (mrem/yr)
250 (150 years decay)	3.04E-07	2.61E-07	2.92E-07
500 (400 years decay)	7.32E-10	6.16E-10	6.77E-10

### Summary and Conclusions

Delay of release of radionuclides (specifically  $^{90}\text{Sr}$ ) shows a significant reduction in the all-pathways dose. The previously prepared degradation analysis shows the grouted tank will remain a barrier to infiltration and vault grout, and will not allow significant release for 500 years. The result of the analysis shows that decay of even the greatest predicted inventory results in a significant decrease in the all-pathways dose for vault failures at 250 and 500 years post-closure. The relatively short half-life of  $^{90}\text{Sr}$  is the mechanism for the reduction in dose. As shown in Figure 1 and Table 1, the inventory of  $^{90}\text{Sr}$  approaches zero in about 250 years. The greatest inventory predicted in the advective flow modeling decays to approximately 5 Ci in 250 years.

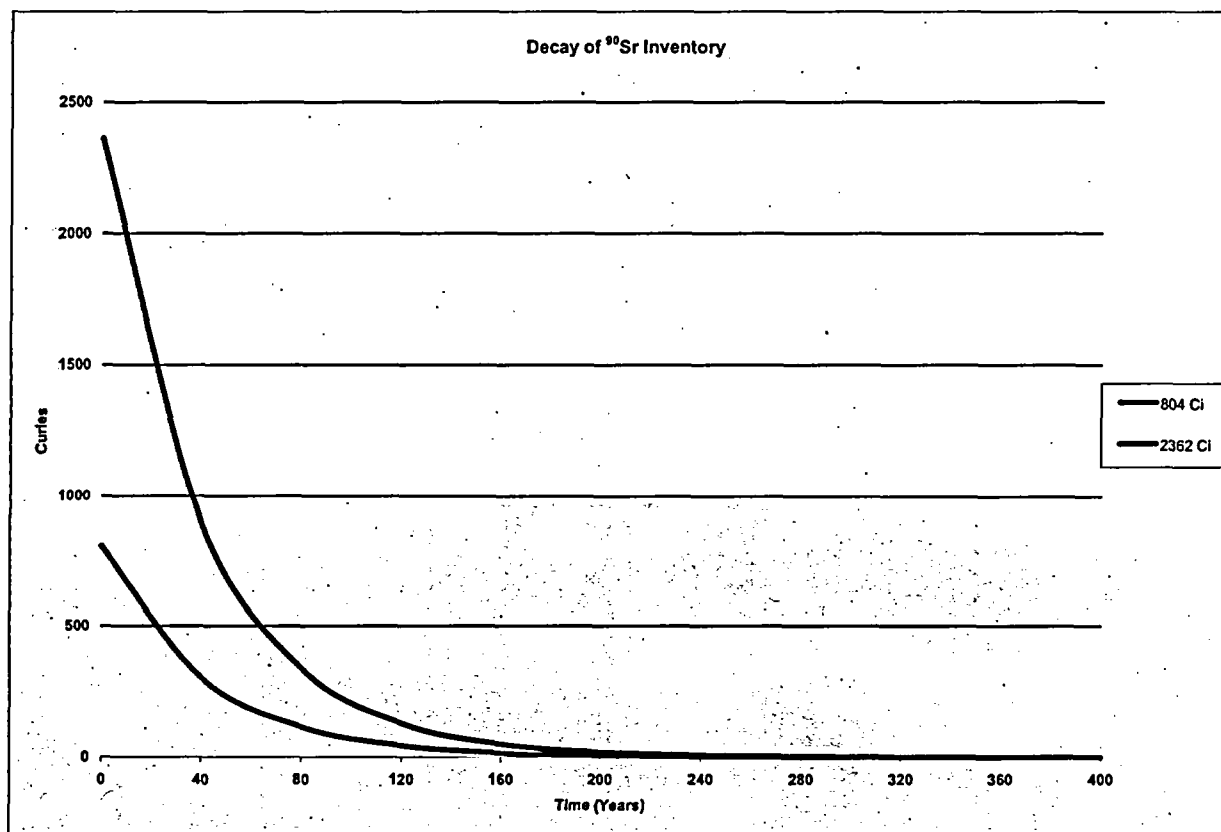


Figure 1. Decay of  $^{90}\text{Sr}$  during 250 years.

### Follow-up Item from June 1 and 20, 2006, Meetings with DOE on INL TFF Waste Determination

During discussions at the June 1 and 20, 2006, meetings between DOE and NRC, the NRC requested additional information. This response satisfies one of those requests.

#### NRC Comment

DOE-ID should provide center-line plume concentrations (as depicted in Figure 4-2 of the PA) as a function of time for modeled radionuclides at key locations in table format and a figure showing these locations. Locations should include the following grid cells: 1.) directly underneath the TFF in the perched water, 2.) near the "spillway" in the perched water, and 3.) in the saturated zone. DOE-ID revised the time of peak release for Tc-99 in Table 4-1 of the PA in response to RAI #13. The source of the error described in the RAI response is not clear. Furthermore, the travel time to saturated groundwater is difficult to determine with the use of scientific notation which truncates the year of maximum concentration in groundwater for Tc-99 (DOE-ID should provide the travel time in years). The information requested above is also needed to clarify to what extent Sr-90 concentrations are reduced due to attenuation in the 600 meters of lateral transport in the unsaturated zone, which cannot be determined easily from the currently available information.

#### DOE Response

DOE is providing groundwater concentrations at the five zone locations identified in Figure 1. The groundwater concentrations (Ci/m<sup>3</sup>) are provided based on a unit Ci release from the tanks and sandpads for <sup>129</sup>I, <sup>99</sup>Tc, and <sup>90</sup>Sr in Tables 1 through 6 and Figures 2 through 7.

The source of the Table 4-1 error in the performance assessment was editorial. The modeled travel time to saturated groundwater for <sup>99</sup>Tc is 31 years as stated on page 2 of the response to NRC Comment 13.

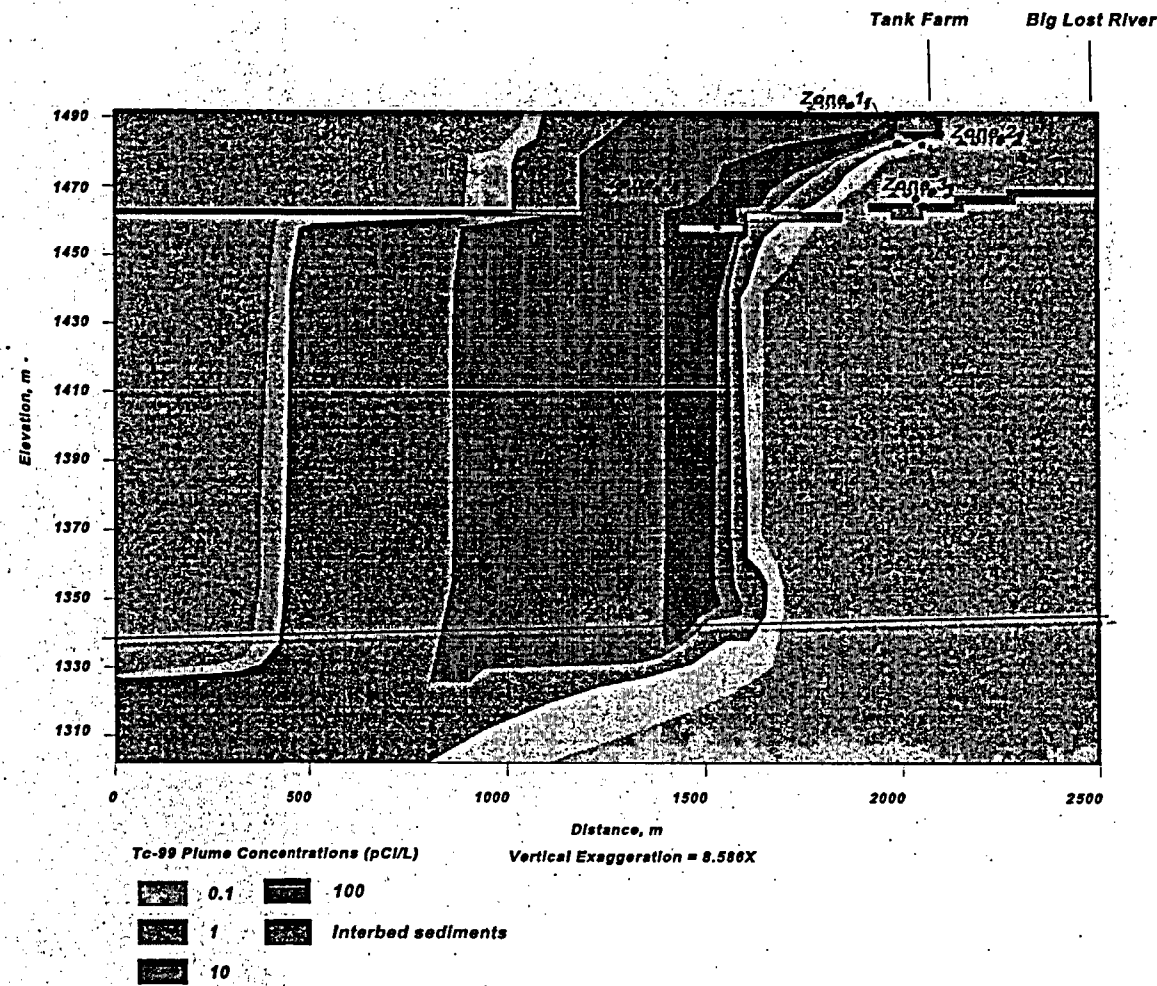


Figure 1. Location of groundwater concentration zone locations.



Table 1. Groundwater concentrations for  $^{129}\text{I}$  unit Ci release from a tank.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.01E+02	4.13E-43	4.67E-40	7.13E-52	2.66E-52	4.99E-71
5.02E+02	1.84E-41	9.07E-39	6.43E-50	9.77E-47	4.90E-57
5.03E+02	1.99E-40	9.30E-38	6.36E-49	1.87E-44	2.98E-51
5.04E+02	1.61E-39	6.21E-37	5.40E-48	2.68E-43	4.26E-48
5.05E+02	1.16E-38	4.23E-36	3.87E-47	2.63E-42	4.18E-46
5.06E+02	6.87E-38	2.44E-35	2.19E-46	1.87E-41	8.86E-45
5.07E+02	3.73E-37	1.18E-34	1.21E-45	1.19E-40	1.00E-43
5.08E+02	1.87E-36	5.79E-34	6.00E-45	6.83E-40	8.41E-43
5.09E+02	8.45E-36	2.52E-33	2.63E-44	3.42E-39	5.91E-42
5.10E+02	3.60E-35	9.95E-33	1.13E-43	1.62E-38	3.63E-41
5.11E+02	1.45E-34	3.91E-32	4.45E-43	7.09E-38	2.01E-40
5.12E+02	5.41E-34	1.41E-31	1.63E-42	2.85E-37	1.01E-39
5.13E+02	1.94E-33	4.76E-31	5.82E-42	1.10E-36	4.71E-39
5.14E+02	6.62E-33	1.59E-30	1.95E-41	3.99E-36	2.04E-38
5.15E+02	2.15E-32	4.99E-30	6.21E-41	1.37E-35	8.30E-38
5.16E+02	6.76E-32	1.50E-29	1.94E-40	4.52E-35	3.18E-37
5.17E+02	2.04E-31	4.46E-29	5.77E-40	1.43E-34	1.16E-36
5.18E+02	5.94E-31	1.25E-28	1.65E-39	4.34E-34	4.01E-36
5.19E+02	1.67E-30	3.40E-28	4.62E-39	1.28E-33	1.33E-35
5.20E+02	4.56E-30	9.07E-28	1.24E-38	3.61E-33	4.23E-35
5.21E+02	1.23E-29	2.36E-27	2.72E-38	9.68E-33	1.33E-34
5.22E+02	3.23E-29	5.99E-27	7.04E-38	2.20E-32	4.03E-34
5.23E+02	8.04E-29	1.46E-26	1.73E-37	5.09E-32	1.13E-33
5.24E+02	2.00E-28	3.52E-26	4.26E-37	1.29E-31	3.01E-33
5.25E+02	4.73E-28	8.11E-26	1.00E-36	3.15E-31	7.20E-33
5.26E+02	1.12E-27	1.88E-25	2.34E-36	7.70E-31	1.73E-32
5.27E+02	2.54E-27	4.15E-25	5.27E-36	1.80E-30	4.16E-32
5.28E+02	5.77E-27	9.20E-25	1.19E-35	4.21E-30	1.03E-31
5.29E+02	1.26E-26	1.97E-24	2.56E-35	9.40E-30	2.47E-31
5.30E+02	2.75E-26	4.19E-24	5.55E-35	2.11E-29	5.95E-31
5.31E+02	5.78E-26	8.63E-24	1.16E-34	4.54E-29	1.37E-30
5.32E+02	1.22E-25	1.78E-23	2.41E-34	9.79E-29	3.17E-30
5.33E+02	2.48E-25	3.55E-23	4.87E-34	2.04E-28	7.02E-30
5.34E+02	5.07E-25	7.11E-23	9.84E-34	4.24E-28	1.56E-29
5.35E+02	1.00E-24	1.38E-22	1.92E-33	8.53E-28	3.33E-29

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.36E+02	1.98E-24	2.67E-22	3.78E-33	1.72E-27	7.13E-29
5.37E+02	3.81E-24	5.02E-22	7.17E-33	3.36E-27	1.47E-28
5.38E+02	7.33E-24	9.48E-22	1.37E-32	6.59E-27	3.05E-28
5.39E+02	1.37E-23	1.74E-21	2.53E-32	1.25E-26	6.10E-28
5.40E+02	2.57E-23	3.20E-21	4.70E-32	2.38E-26	1.22E-27
5.41E+02	4.69E-23	5.73E-21	8.50E-32	4.40E-26	2.38E-27
5.42E+02	8.59E-23	1.03E-20	1.54E-31	8.17E-26	4.64E-27
5.43E+02	1.53E-22	1.80E-20	2.72E-31	1.47E-25	8.77E-27
5.44E+02	2.74E-22	3.17E-20	4.82E-31	2.67E-25	1.66E-26
5.45E+02	4.77E-22	5.43E-20	8.32E-31	4.71E-25	3.07E-26
5.46E+02	8.36E-22	9.35E-20	1.44E-30	8.35E-25	5.68E-26
5.47E+02	1.43E-21	1.57E-19	2.44E-30	1.44E-24	1.02E-25
5.48E+02	2.45E-21	2.65E-19	4.15E-30	2.50E-24	1.85E-25
5.49E+02	4.11E-21	4.37E-19	6.88E-30	4.22E-24	3.25E-25
5.50E+02	6.93E-21	7.24E-19	1.15E-29	7.18E-24	5.76E-25
5.51E+02	1.14E-20	1.17E-18	1.88E-29	1.19E-23	9.92E-25
5.52E+02	1.89E-20	1.91E-18	3.07E-29	1.99E-23	1.72E-24
5.53E+02	3.06E-20	3.04E-18	4.93E-29	3.25E-23	2.90E-24
5.54E+02	4.98E-20	4.87E-18	7.93E-29	5.33E-23	4.93E-24
5.55E+02	7.93E-20	7.63E-18	1.25E-28	8.54E-23	8.19E-24
5.56E+02	1.27E-19	1.20E-17	1.98E-28	1.38E-22	1.37E-23
5.57E+02	1.99E-19	1.86E-17	3.07E-28	2.17E-22	2.23E-23
5.58E+02	3.13E-19	2.88E-17	4.80E-28	3.44E-22	3.65E-23
5.59E+02	4.85E-19	4.39E-17	7.35E-28	5.34E-22	5.85E-23
5.60E+02	7.53E-19	6.72E-17	1.13E-27	8.34E-22	9.43E-23
5.61E+02	1.15E-18	1.01E-16	1.71E-27	1.28E-21	1.49E-22
5.62E+02	1.76E-18	1.53E-16	2.59E-27	1.97E-21	2.36E-22
5.63E+02	2.65E-18	2.26E-16	3.86E-27	2.98E-21	3.67E-22
5.64E+02	4.01E-18	3.37E-16	5.79E-27	4.52E-21	5.73E-22
5.65E+02	5.96E-18	4.95E-16	8.52E-27	6.74E-21	8.78E-22
5.66E+02	8.89E-18	7.28E-16	1.26E-26	1.01E-20	1.35E-21
5.67E+02	1.31E-17	1.05E-15	1.83E-26	1.49E-20	2.05E-21
5.68E+02	1.93E-17	1.53E-15	2.68E-26	2.21E-20	3.11E-21
5.69E+02	2.80E-17	2.20E-15	3.85E-26	3.21E-20	4.65E-21
5.70E+02	4.08E-17	3.16E-15	5.57E-26	4.70E-20	6.98E-21
5.71E+02	5.86E-17	4.48E-15	7.92E-26	6.76E-20	1.03E-20
5.72E+02	8.46E-17	6.37E-15	1.13E-25	9.78E-20	1.53E-20

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.73E+02	1.20E-16	8.93E-15	1.59E-25	1.39E-19	2.22E-20
5.74E+02	1.72E-16	1.26E-14	2.25E-25	1.99E-19	3.26E-20
5.75E+02	2.41E-16	1.75E-14	3.14E-25	2.81E-19	4.69E-20
5.76E+02	3.41E-16	2.44E-14	4.39E-25	3.97E-19	6.80E-20
5.77E+02	4.75E-16	3.35E-14	6.06E-25	5.54E-19	9.69E-20
5.78E+02	6.65E-16	4.62E-14	8.39E-25	7.77E-19	1.39E-19
5.79E+02	9.17E-16	6.30E-14	1.15E-24	1.07E-18	1.96E-19
5.80E+02	1.27E-15	8.62E-14	1.58E-24	1.49E-18	2.78E-19
5.81E+02	1.74E-15	1.16E-13	2.14E-24	2.04E-18	3.88E-19
5.82E+02	2.39E-15	1.58E-13	2.91E-24	2.80E-18	5.44E-19
5.83E+02	3.24E-15	2.12E-13	3.91E-24	3.80E-18	7.53E-19
5.84E+02	4.42E-15	2.85E-13	5.27E-24	5.18E-18	1.05E-18
5.85E+02	5.94E-15	3.79E-13	7.03E-24	6.97E-18	1.44E-18
5.86E+02	8.03E-15	5.06E-13	9.42E-24	9.42E-18	1.98E-18
5.87E+02	1.07E-14	6.67E-13	1.25E-23	1.26E-17	2.69E-18
5.88E+02	1.44E-14	8.83E-13	1.65E-23	1.69E-17	3.67E-18
5.89E+02	1.90E-14	1.16E-12	2.17E-23	2.23E-17	4.94E-18
5.90E+02	2.53E-14	1.52E-12	2.86E-23	2.97E-17	6.69E-18
5.91E+02	3.33E-14	1.97E-12	3.73E-23	3.90E-17	8.95E-18
5.92E+02	4.40E-14	2.58E-12	4.88E-23	5.15E-17	1.20E-17
5.93E+02	5.74E-14	3.33E-12	6.32E-23	6.72E-17	1.59E-17
5.94E+02	7.53E-14	4.31E-12	8.21E-23	8.81E-17	2.12E-17
5.95E+02	9.77E-14	5.53E-12	1.06E-22	1.14E-16	2.80E-17
5.96E+02	1.27E-13	7.12E-12	1.36E-22	1.49E-16	3.70E-17
5.97E+02	1.64E-13	9.07E-12	1.74E-22	1.91E-16	4.83E-17
5.98E+02	2.12E-13	1.16E-11	2.23E-22	2.47E-16	6.34E-17
5.99E+02	2.71E-13	1.47E-11	2.83E-22	3.16E-16	8.24E-17
6.00E+02	3.47E-13	1.85E-11	3.59E-22	4.03E-16	1.07E-16
6.01E+02	4.44E-13	2.35E-11	4.55E-22	5.16E-16	1.39E-16
6.02E+02	5.64E-13	2.95E-11	5.72E-22	6.54E-16	1.78E-16
6.03E+02	7.18E-13	3.71E-11	7.22E-22	8.31E-16	2.30E-16
6.04E+02	9.06E-13	4.63E-11	9.03E-22	1.05E-15	2.94E-16
6.05E+02	1.15E-12	5.80E-11	1.13E-21	1.32E-15	3.76E-16
6.06E+02	1.44E-12	7.20E-11	1.41E-21	1.66E-15	4.78E-16
6.07E+02	1.81E-12	8.96E-11	1.76E-21	2.08E-15	6.08E-16
6.08E+02	2.26E-12	1.11E-10	2.17E-21	2.59E-15	7.67E-16
6.09E+02	2.83E-12	1.37E-10	2.70E-21	3.24E-15	9.72E-16

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.10E+02	3.51E-12	1.68E-10	3.32E-21	4.01E-15	1.22E-15
6.11E+02	4.37E-12	2.07E-10	4.10E-21	4.98E-15	1.53E-15
6.12E+02	5.39E-12	2.53E-10	5.02E-21	6.14E-15	1.91E-15
6.13E+02	6.68E-12	3.10E-10	6.16E-21	7.59E-15	2.39E-15
6.14E+02	8.20E-12	3.77E-10	7.51E-21	9.30E-15	2.97E-15
6.15E+02	1.01E-11	4.60E-10	9.17E-21	1.14E-14	3.70E-15
6.16E+02	1.24E-11	5.57E-10	1.11E-20	1.40E-14	4.56E-15
6.17E+02	1.52E-11	6.76E-10	1.35E-20	1.71E-14	5.65E-15
6.18E+02	1.85E-11	8.14E-10	1.63E-20	2.07E-14	6.94E-15
6.19E+02	2.25E-11	9.83E-10	1.97E-20	2.52E-14	8.55E-15
6.20E+02	2.73E-11	1.18E-09	2.37E-20	3.05E-14	1.04E-14
6.21E+02	3.32E-11	1.42E-09	2.86E-20	3.70E-14	1.28E-14
6.22E+02	4.00E-11	1.69E-09	3.42E-20	4.45E-14	1.56E-14
6.23E+02	4.84E-11	2.03E-09	4.10E-20	5.36E-14	1.90E-14
6.24E+02	5.81E-11	2.41E-09	4.89E-20	6.42E-14	2.30E-14
6.25E+02	7.00E-11	2.88E-09	5.84E-20	7.72E-14	2.79E-14
6.26E+02	8.37E-11	3.41E-09	6.93E-20	9.21E-14	3.36E-14
6.27E+02	1.00E-10	4.05E-09	8.24E-20	1.10E-13	4.06E-14
6.28E+02	1.20E-10	4.78E-09	9.74E-20	1.31E-13	4.88E-14
6.29E+02	1.43E-10	5.66E-09	1.15E-19	1.56E-13	5.87E-14
6.30E+02	1.70E-10	6.65E-09	1.36E-19	1.84E-13	7.01E-14
6.31E+02	2.02E-10	7.84E-09	1.60E-19	2.19E-13	8.40E-14
6.32E+02	2.39E-10	9.18E-09	1.88E-19	2.58E-13	1.00E-13
6.33E+02	2.83E-10	1.08E-08	2.21E-19	3.05E-13	1.19E-13
6.34E+02	3.34E-10	1.26E-08	2.58E-19	3.58E-13	1.41E-13
6.35E+02	3.94E-10	1.47E-08	3.03E-19	4.22E-13	1.68E-13
6.36E+02	4.62E-10	1.71E-08	3.53E-19	4.93E-13	1.98E-13
6.37E+02	5.44E-10	2.00E-08	4.12E-19	5.79E-13	2.35E-13
6.38E+02	6.37E-10	2.31E-08	4.78E-19	6.75E-13	2.76E-13
6.39E+02	7.47E-10	2.69E-08	5.56E-19	7.89E-13	3.26E-13
6.40E+02	8.71E-10	3.11E-08	6.43E-19	9.17E-13	3.82E-13
6.41E+02	1.02E-09	3.60E-08	7.46E-19	1.07E-12	4.49E-13
6.42E+02	1.18E-09	4.14E-08	8.59E-19	1.24E-12	5.24E-13
6.43E+02	1.38E-09	4.78E-08	9.93E-19	1.44E-12	6.14E-13
6.44E+02	1.60E-09	5.48E-08	1.14E-18	1.66E-12	7.14E-13
6.45E+02	1.85E-09	6.31E-08	1.31E-18	1.92E-12	8.33E-13
6.46E+02	2.14E-09	7.22E-08	1.51E-18	2.21E-12	9.67E-13

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.47E+02	2.48E-09	8.28E-08	1.73E-18	2.54E-12	1.12E-12
6.48E+02	2.85E-09	9.45E-08	1.98E-18	2.92E-12	1.30E-12
6.49E+02	3.29E-09	1.08E-07	2.26E-18	3.36E-12	1.51E-12
6.50E+02	3.77E-09	1.23E-07	2.58E-18	3.84E-12	1.74E-12
6.51E+02	4.34E-09	1.40E-07	2.94E-18	4.40E-12	2.00E-12
6.52E+02	4.97E-09	1.59E-07	3.34E-18	5.02E-12	2.30E-12
6.53E+02	5.70E-09	1.81E-07	3.80E-18	5.74E-12	2.65E-12
6.54E+02	6.51E-09	2.05E-07	4.31E-18	6.52E-12	3.04E-12
6.55E+02	7.44E-09	2.32E-07	4.89E-18	7.43E-12	3.49E-12
6.56E+02	8.47E-09	2.62E-07	5.53E-18	8.43E-12	3.98E-12
6.57E+02	9.67E-09	2.96E-07	6.26E-18	9.58E-12	4.56E-12
6.58E+02	1.10E-08	3.34E-07	7.05E-18	1.08E-11	5.19E-12
6.59E+02	1.25E-08	3.76E-07	7.96E-18	1.23E-11	5.93E-12
6.60E+02	1.41E-08	4.23E-07	8.94E-18	1.39E-11	6.73E-12
6.61E+02	1.60E-08	4.75E-07	1.01E-17	1.57E-11	7.66E-12
6.62E+02	1.81E-08	5.33E-07	1.13E-17	1.76E-11	8.68E-12
6.63E+02	2.05E-08	5.98E-07	1.27E-17	1.99E-11	9.85E-12
6.64E+02	2.31E-08	6.68E-07	1.42E-17	2.23E-11	1.11E-11
6.65E+02	2.61E-08	7.48E-07	1.59E-17	2.51E-11	1.26E-11
6.66E+02	2.93E-08	8.33E-07	1.77E-17	2.81E-11	1.42E-11
6.67E+02	3.30E-08	9.31E-07	1.98E-17	3.15E-11	1.60E-11
6.68E+02	3.70E-08	1.04E-06	2.21E-17	3.52E-11	1.80E-11
6.69E+02	4.16E-08	1.15E-06	2.46E-17	3.94E-11	2.03E-11
6.70E+02	4.65E-08	1.28E-06	2.73E-17	4.39E-11	2.27E-11
6.71E+02	5.22E-08	1.42E-06	3.04E-17	4.90E-11	2.55E-11
6.72E+02	5.82E-08	1.58E-06	3.37E-17	5.45E-11	2.86E-11
6.73E+02	6.51E-08	1.75E-06	3.74E-17	6.07E-11	3.20E-11
6.74E+02	7.26E-08	1.93E-06	4.14E-17	6.73E-11	3.57E-11
6.75E+02	8.10E-08	2.14E-06	4.59E-17	7.48E-11	3.99E-11
6.76E+02	9.00E-08	2.36E-06	5.06E-17	8.28E-11	4.45E-11
6.77E+02	1.00E-07	2.60E-06	5.59E-17	9.19E-11	4.96E-11
6.78E+02	1.11E-07	2.87E-06	6.16E-17	1.02E-10	5.51E-11
6.79E+02	1.24E-07	3.16E-06	6.80E-17	1.12E-10	6.13E-11
6.80E+02	1.37E-07	3.47E-06	7.47E-17	1.24E-10	6.80E-11
6.81E+02	1.52E-07	3.82E-06	8.23E-17	1.37E-10	7.55E-11
6.82E+02	1.68E-07	4.19E-06	9.03E-17	1.51E-10	8.35E-11
6.83E+02	1.85E-07	4.60E-06	9.92E-17	1.66E-10	9.25E-11

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.84E+02	2.04E-07	5.03E-06	1.09E-16	1.82E-10	1.02E-10
6.85E+02	2.26E-07	5.51E-06	1.19E-16	2.00E-10	1.13E-10
6.86E+02	2.49E-07	6.02E-06	1.30E-16	2.20E-10	1.24E-10
6.87E+02	2.74E-07	6.58E-06	1.43E-16	2.41E-10	1.37E-10
6.88E+02	3.01E-07	7.18E-06	1.55E-16	2.64E-10	1.51E-10
6.89E+02	3.31E-07	7.84E-06	1.70E-16	2.89E-10	1.66E-10
6.90E+02	3.63E-07	8.53E-06	1.85E-16	3.16E-10	1.82E-10
6.91E+02	3.99E-07	9.30E-06	2.02E-16	3.45E-10	2.00E-10
6.92E+02	4.37E-07	1.01E-05	2.19E-16	3.77E-10	2.20E-10
6.93E+02	4.79E-07	1.10E-05	2.39E-16	4.11E-10	2.41E-10
6.94E+02	5.23E-07	1.19E-05	2.59E-16	4.47E-10	2.63E-10
6.95E+02	5.73E-07	1.30E-05	2.82E-16	4.88E-10	2.88E-10
6.96E+02	6.25E-07	1.40E-05	3.05E-16	5.30E-10	3.15E-10
6.97E+02	6.83E-07	1.52E-05	3.31E-16	5.76E-10	3.44E-10
6.98E+02	7.44E-07	1.64E-05	3.59E-16	6.25E-10	3.75E-10
6.99E+02	8.11E-07	1.78E-05	3.88E-16	6.79E-10	4.09E-10
7.00E+02	8.82E-07	1.92E-05	4.20E-16	7.35E-10	4.45E-10
7.01E+02	9.60E-07	2.08E-05	4.54E-16	7.97E-10	4.85E-10
7.02E+02	1.04E-06	2.24E-05	4.89E-16	8.62E-10	5.26E-10
7.03E+02	1.13E-06	2.42E-05	5.28E-16	9.33E-10	5.72E-10
7.04E+02	1.23E-06	2.60E-05	5.69E-16	1.01E-09	6.20E-10
7.05E+02	1.33E-06	2.80E-05	6.13E-16	1.09E-09	6.73E-10
7.06E+02	1.44E-06	3.01E-05	6.59E-16	1.17E-09	7.29E-10
7.07E+02	1.56E-06	3.24E-05	7.10E-16	1.27E-09	7.90E-10
7.08E+02	1.69E-06	3.48E-05	7.62E-16	1.36E-09	8.53E-10
7.09E+02	1.83E-06	3.73E-05	8.19E-16	1.47E-09	9.23E-10
7.10E+02	1.98E-06	4.00E-05	8.78E-16	1.58E-09	9.96E-10
7.11E+02	2.13E-06	4.29E-05	9.43E-16	1.70E-09	1.08E-09
7.12E+02	2.30E-06	4.59E-05	1.01E-15	1.82E-09	1.16E-09
7.13E+02	2.48E-06	4.92E-05	1.08E-15	1.96E-09	1.25E-09
7.14E+02	2.67E-06	5.26E-05	1.16E-15	2.10E-09	1.35E-09
7.15E+02	2.88E-06	5.63E-05	1.24E-15	2.25E-09	1.45E-09
7.16E+02	3.09E-06	6.00E-05	1.32E-15	2.41E-09	1.56E-09
7.17E+02	3.33E-06	6.41E-05	1.41E-15	2.58E-09	1.67E-09
7.18E+02	3.57E-06	6.84E-05	1.51E-15	2.76E-09	1.80E-09
7.19E+02	3.84E-06	7.29E-05	1.61E-15	2.95E-09	1.93E-09
7.20E+02	4.11E-06	7.76E-05	1.71E-15	3.15E-09	2.06E-09

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.21E+02	4.42E-06	8.27E-05	1.83E-15	3.36E-09	2.21E-09
7.22E+02	4.73E-06	8.80E-05	1.94E-15	3.59E-09	2.37E-09
7.23E+02	5.07E-06	9.36E-05	2.07E-15	3.83E-09	2.54E-09
7.24E+02	5.42E-06	9.94E-05	2.20E-15	4.07E-09	2.71E-09
7.25E+02	5.80E-06	1.06E-04	2.34E-15	4.34E-09	2.90E-09
7.26E+02	6.19E-06	1.12E-04	2.48E-15	4.62E-09	3.09E-09
7.27E+02	6.62E-06	1.19E-04	2.64E-15	4.91E-09	3.30E-09
7.28E+02	7.06E-06	1.26E-04	2.79E-15	5.22E-09	3.52E-09
7.29E+02	7.54E-06	1.34E-04	2.96E-15	5.55E-09	3.75E-09
7.30E+02	8.03E-06	1.41E-04	3.14E-15	5.88E-09	3.99E-09
7.31E+02	8.56E-06	1.50E-04	3.32E-15	6.25E-09	4.26E-09
7.32E+02	9.11E-06	1.58E-04	3.52E-15	6.62E-09	4.52E-09
7.33E+02	9.71E-06	1.68E-04	3.72E-15	7.02E-09	4.81E-09
7.34E+02	1.03E-05	1.77E-04	3.93E-15	7.43E-09	5.11E-09
7.35E+02	1.10E-05	1.87E-04	4.16E-15	7.87E-09	5.43E-09
7.36E+02	1.17E-05	1.97E-04	4.38E-15	8.32E-09	5.76E-09
7.37E+02	1.24E-05	2.08E-04	4.63E-15	8.81E-09	6.11E-09
7.38E+02	1.31E-05	2.19E-04	4.88E-15	9.30E-09	6.47E-09
7.39E+02	1.39E-05	2.31E-04	5.15E-15	9.83E-09	6.86E-09
7.40E+02	1.48E-05	2.44E-04	5.42E-15	1.04E-08	7.26E-09
7.41E+02	1.57E-05	2.57E-04	5.72E-15	1.09E-08	7.69E-09
7.42E+02	1.66E-05	2.70E-04	6.01E-15	1.15E-08	8.13E-09
7.43E+02	1.76E-05	2.84E-04	6.33E-15	1.22E-08	8.60E-09
7.44E+02	1.86E-05	2.98E-04	6.65E-15	1.28E-08	9.08E-09
7.45E+02	1.97E-05	3.14E-04	7.00E-15	1.35E-08	9.59E-09
7.46E+02	2.08E-05	3.29E-04	7.35E-15	1.42E-08	1.01E-08
7.47E+02	2.19E-05	3.46E-04	7.72E-15	1.49E-08	1.07E-08
7.48E+02	2.32E-05	3.63E-04	8.10E-15	1.57E-08	1.13E-08
7.49E+02	2.45E-05	3.80E-04	8.50E-15	1.65E-08	1.19E-08
7.50E+02	2.58E-05	3.99E-04	8.91E-15	1.73E-08	1.25E-08
7.51E+02	2.72E-05	4.18E-04	9.34E-15	1.82E-08	1.32E-08
7.52E+02	2.87E-05	4.37E-04	9.78E-15	1.91E-08	1.38E-08
7.53E+02	3.02E-05	4.58E-04	1.02E-14	2.00E-08	1.46E-08
7.54E+02	3.18E-05	4.79E-04	1.07E-14	2.10E-08	1.53E-08
7.55E+02	3.35E-05	5.01E-04	1.12E-14	2.20E-08	1.61E-08
7.56E+02	3.52E-05	5.24E-04	1.17E-14	2.30E-08	1.69E-08
7.57E+02	3.70E-05	5.47E-04	1.23E-14	2.41E-08	1.77E-08

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.58E+02	3.89E-05	5.71E-04	1.28E-14	2.52E-08	1.86E-08
7.59E+02	4.09E-05	5.97E-04	1.34E-14	2.64E-08	1.95E-08
7.60E+02	4.29E-05	6.23E-04	1.40E-14	2.76E-08	2.04E-08
7.61E+02	4.51E-05	6.50E-04	1.46E-14	2.89E-08	2.14E-08
7.62E+02	4.72E-05	6.77E-04	1.52E-14	3.01E-08	2.24E-08
7.63E+02	4.96E-05	7.06E-04	1.59E-14	3.15E-08	2.35E-08
7.64E+02	5.19E-05	7.35E-04	1.65E-14	3.29E-08	2.45E-08
7.65E+02	5.44E-05	7.66E-04	1.72E-14	3.43E-08	2.57E-08
7.66E+02	5.70E-05	7.97E-04	1.79E-14	3.57E-08	2.68E-08
7.67E+02	5.97E-05	8.30E-04	1.87E-14	3.73E-08	2.80E-08
7.68E+02	6.24E-05	8.63E-04	1.94E-14	3.88E-08	2.93E-08
7.69E+02	6.54E-05	8.98E-04	2.02E-14	4.05E-08	3.06E-08
7.70E+02	6.83E-05	9.32E-04	2.10E-14	4.21E-08	3.19E-08
7.71E+02	7.14E-05	9.69E-04	2.18E-14	4.39E-08	3.33E-08
7.72E+02	7.46E-05	1.01E-03	2.27E-14	4.56E-08	3.47E-08
7.73E+02	7.80E-05	1.05E-03	2.35E-14	4.74E-08	3.62E-08
7.74E+02	8.13E-05	1.08E-03	2.44E-14	4.93E-08	3.77E-08
7.75E+02	8.49E-05	1.13E-03	2.54E-14	5.13E-08	3.93E-08
7.76E+02	8.86E-05	1.17E-03	2.63E-14	5.32E-08	4.08E-08
7.77E+02	9.24E-05	1.21E-03	2.73E-14	5.53E-08	4.25E-08
7.78E+02	9.63E-05	1.25E-03	2.83E-14	5.74E-08	4.42E-08
7.79E+02	1.00E-04	1.30E-03	2.93E-14	5.96E-08	4.60E-08
7.80E+02	1.05E-04	1.34E-03	3.03E-14	6.17E-08	4.78E-08
7.81E+02	1.09E-04	1.39E-03	3.14E-14	6.41E-08	4.97E-08
7.82E+02	1.13E-04	1.44E-03	3.25E-14	6.64E-08	5.16E-08
7.83E+02	1.18E-04	1.49E-03	3.37E-14	6.88E-08	5.36E-08
7.84E+02	1.23E-04	1.54E-03	3.48E-14	7.12E-08	5.56E-08
7.85E+02	1.28E-04	1.59E-03	3.60E-14	7.38E-08	5.77E-08
7.86E+02	1.33E-04	1.65E-03	3.72E-14	7.63E-08	5.98E-08
7.87E+02	1.38E-04	1.70E-03	3.84E-14	7.90E-08	6.20E-08
7.88E+02	1.43E-04	1.76E-03	3.97E-14	8.17E-08	6.42E-08
7.89E+02	1.49E-04	1.81E-03	4.10E-14	8.45E-08	6.66E-08
7.90E+02	1.54E-04	1.87E-03	4.23E-14	8.73E-08	6.89E-08
7.91E+02	1.60E-04	1.93E-03	4.37E-14	9.02E-08	7.14E-08
7.92E+02	1.66E-04	1.99E-03	4.51E-14	9.32E-08	7.38E-08
7.93E+02	1.72E-04	2.05E-03	4.65E-14	9.62E-08	7.64E-08
7.94E+02	1.79E-04	2.12E-03	4.79E-14	9.93E-08	7.90E-08



Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.95E+02	1.85E-04	2.18E-03	4.94E-14	1.03E-07	8.17E-08
7.96E+02	1.92E-04	2.25E-03	5.09E-14	1.06E-07	8.44E-08
7.97E+02	1.99E-04	2.31E-03	5.25E-14	1.09E-07	8.73E-08
7.98E+02	2.06E-04	2.38E-03	5.40E-14	1.12E-07	9.01E-08
7.99E+02	2.13E-04	2.45E-03	5.56E-14	1.16E-07	9.31E-08
8.00E+02	2.20E-04	2.52E-03	5.72E-14	1.19E-07	9.60E-08
8.01E+02	2.28E-04	2.60E-03	5.89E-14	1.23E-07	9.91E-08
8.02E+02	2.36E-04	2.67E-03	6.05E-14	1.27E-07	1.02E-07
8.03E+02	2.44E-04	2.75E-03	6.23E-14	1.30E-07	1.05E-07
8.04E+02	2.52E-04	2.82E-03	6.40E-14	1.34E-07	1.09E-07
8.05E+02	2.60E-04	2.90E-03	6.58E-14	1.38E-07	1.12E-07
8.06E+02	2.69E-04	2.98E-03	6.76E-14	1.42E-07	1.15E-07
8.07E+02	2.77E-04	3.06E-03	6.95E-14	1.46E-07	1.19E-07
8.08E+02	2.86E-04	3.14E-03	7.13E-14	1.50E-07	1.22E-07
8.09E+02	2.96E-04	3.22E-03	7.32E-14	1.54E-07	1.26E-07
8.10E+02	3.05E-04	3.31E-03	7.51E-14	1.59E-07	1.30E-07
8.11E+02	3.15E-04	3.39E-03	7.71E-14	1.63E-07	1.33E-07
8.12E+02	3.24E-04	3.48E-03	7.91E-14	1.67E-07	1.37E-07
8.13E+02	3.34E-04	3.57E-03	8.11E-14	1.72E-07	1.41E-07
8.14E+02	3.45E-04	3.66E-03	8.31E-14	1.76E-07	1.45E-07
8.15E+02	3.55E-04	3.75E-03	8.52E-14	1.81E-07	1.49E-07
8.16E+02	3.66E-04	3.84E-03	8.73E-14	1.85E-07	1.53E-07
8.17E+02	3.77E-04	3.93E-03	8.95E-14	1.90E-07	1.57E-07
8.18E+02	3.88E-04	4.03E-03	9.16E-14	1.95E-07	1.61E-07
8.19E+02	3.99E-04	4.12E-03	9.38E-14	2.00E-07	1.66E-07
8.20E+02	4.11E-04	4.22E-03	9.60E-14	2.05E-07	1.70E-07
8.21E+02	4.23E-04	4.32E-03	9.83E-14	2.10E-07	1.75E-07
8.22E+02	4.34E-04	4.42E-03	1.01E-13	2.15E-07	1.79E-07
8.23E+02	4.47E-04	4.52E-03	1.03E-13	2.20E-07	1.84E-07
8.24E+02	4.59E-04	4.62E-03	1.05E-13	2.25E-07	1.88E-07
8.25E+02	4.72E-04	4.72E-03	1.08E-13	2.31E-07	1.93E-07
8.26E+02	4.85E-04	4.83E-03	1.10E-13	2.36E-07	1.98E-07
8.27E+02	4.98E-04	4.93E-03	1.12E-13	2.41E-07	2.02E-07
8.28E+02	5.12E-04	5.04E-03	1.15E-13	2.47E-07	2.07E-07
8.29E+02	5.25E-04	5.15E-03	1.17E-13	2.52E-07	2.12E-07
8.30E+02	5.39E-04	5.25E-03	1.20E-13	2.58E-07	2.17E-07
8.31E+02	5.54E-04	5.37E-03	1.22E-13	2.64E-07	2.22E-07

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.32E+02	5.68E-04	5.48E-03	1.25E-13	2.69E-07	2.28E-07
8.33E+02	5.83E-04	5.59E-03	1.28E-13	2.75E-07	2.33E-07
8.34E+02	5.97E-04	5.70E-03	1.30E-13	2.81E-07	2.38E-07
8.35E+02	6.13E-04	5.82E-03	1.33E-13	2.87E-07	2.43E-07
8.36E+02	6.28E-04	5.93E-03	1.35E-13	2.93E-07	2.49E-07
8.37E+02	6.44E-04	6.05E-03	1.38E-13	2.99E-07	2.54E-07
8.38E+02	6.59E-04	6.16E-03	1.41E-13	3.05E-07	2.60E-07
8.39E+02	6.76E-04	6.28E-03	1.44E-13	3.12E-07	2.65E-07
8.40E+02	6.92E-04	6.40E-03	1.46E-13	3.18E-07	2.71E-07
8.41E+02	7.08E-04	6.52E-03	1.49E-13	3.24E-07	2.77E-07
8.42E+02	7.25E-04	6.64E-03	1.52E-13	3.30E-07	2.83E-07
8.43E+02	7.42E-04	6.77E-03	1.55E-13	3.37E-07	2.88E-07
8.44E+02	7.59E-04	6.89E-03	1.57E-13	3.43E-07	2.94E-07
8.45E+02	7.77E-04	7.01E-03	1.60E-13	3.50E-07	3.00E-07
8.46E+02	7.95E-04	7.13E-03	1.63E-13	3.56E-07	3.06E-07
8.47E+02	8.13E-04	7.26E-03	1.66E-13	3.63E-07	3.12E-07
8.48E+02	8.31E-04	7.39E-03	1.69E-13	3.69E-07	3.18E-07
8.49E+02	8.50E-04	7.51E-03	1.72E-13	3.76E-07	3.25E-07
8.50E+02	8.68E-04	7.64E-03	1.75E-13	3.83E-07	3.31E-07
8.51E+02	8.88E-04	7.77E-03	1.78E-13	3.90E-07	3.37E-07
8.52E+02	9.07E-04	7.90E-03	1.81E-13	3.97E-07	3.43E-07
8.53E+02	9.26E-04	8.03E-03	1.84E-13	4.04E-07	3.50E-07
8.54E+02	9.46E-04	8.16E-03	1.87E-13	4.10E-07	3.56E-07
8.55E+02	9.66E-04	8.29E-03	1.90E-13	4.17E-07	3.63E-07
8.56E+02	9.86E-04	8.42E-03	1.93E-13	4.24E-07	3.69E-07
8.57E+02	1.01E-03	8.55E-03	1.96E-13	4.31E-07	3.76E-07
8.58E+02	1.03E-03	8.68E-03	1.99E-13	4.38E-07	3.82E-07
8.59E+02	1.05E-03	8.82E-03	2.02E-13	4.46E-07	3.89E-07
8.60E+02	1.07E-03	8.95E-03	2.05E-13	4.53E-07	3.95E-07
8.61E+02	1.09E-03	9.09E-03	2.08E-13	4.60E-07	4.02E-07
8.62E+02	1.11E-03	9.22E-03	2.11E-13	4.67E-07	4.09E-07
8.63E+02	1.13E-03	9.36E-03	2.15E-13	4.74E-07	4.16E-07
8.64E+02	1.16E-03	9.49E-03	2.18E-13	4.82E-07	4.22E-07
8.65E+02	1.18E-03	9.63E-03	2.21E-13	4.89E-07	4.29E-07
8.66E+02	1.20E-03	9.76E-03	2.24E-13	4.96E-07	4.36E-07
8.67E+02	1.22E-03	9.90E-03	2.27E-13	5.04E-07	4.43E-07
8.68E+02	1.25E-03	1.00E-02	2.30E-13	5.11E-07	4.50E-07

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.69E+02	1.27E-03	1.02E-02	2.34E-13	5.19E-07	4.57E-07
8.70E+02	1.29E-03	1.03E-02	2.37E-13	5.26E-07	4.64E-07
8.71E+02	1.32E-03	1.05E-02	2.40E-13	5.34E-07	4.71E-07
8.72E+02	1.34E-03	1.06E-02	2.43E-13	5.41E-07	4.78E-07
8.73E+02	1.36E-03	1.07E-02	2.46E-13	5.49E-07	4.85E-07
8.74E+02	1.39E-03	1.09E-02	2.50E-13	5.56E-07	4.92E-07
8.75E+02	1.41E-03	1.10E-02	2.53E-13	5.64E-07	4.99E-07
8.76E+02	1.44E-03	1.11E-02	2.56E-13	5.71E-07	5.06E-07
8.77E+02	1.46E-03	1.13E-02	2.59E-13	5.79E-07	5.14E-07
8.78E+02	1.48E-03	1.14E-02	2.63E-13	5.86E-07	5.21E-07
8.79E+02	1.51E-03	1.16E-02	2.66E-13	5.94E-07	5.28E-07
8.80E+02	1.54E-03	1.17E-02	2.69E-13	6.01E-07	5.35E-07
8.81E+02	1.56E-03	1.18E-02	2.72E-13	6.09E-07	5.43E-07
8.82E+02	1.59E-03	1.20E-02	2.75E-13	6.17E-07	5.50E-07
8.83E+02	1.61E-03	1.21E-02	2.79E-13	6.24E-07	5.57E-07
8.84E+02	1.64E-03	1.23E-02	2.82E-13	6.32E-07	5.64E-07
8.85E+02	1.66E-03	1.24E-02	2.85E-13	6.40E-07	5.72E-07
8.86E+02	1.69E-03	1.25E-02	2.88E-13	6.47E-07	5.79E-07
8.87E+02	1.72E-03	1.27E-02	2.92E-13	6.55E-07	5.86E-07
8.88E+02	1.74E-03	1.28E-02	2.95E-13	6.62E-07	5.94E-07
8.89E+02	1.77E-03	1.30E-02	2.98E-13	6.70E-07	6.01E-07
8.90E+02	1.80E-03	1.31E-02	3.01E-13	6.78E-07	6.08E-07
8.91E+02	1.82E-03	1.32E-02	3.05E-13	6.85E-07	6.16E-07
8.92E+02	1.85E-03	1.34E-02	3.08E-13	6.93E-07	6.23E-07
8.93E+02	1.88E-03	1.35E-02	3.11E-13	7.01E-07	6.30E-07
8.94E+02	1.91E-03	1.36E-02	3.14E-13	7.08E-07	6.38E-07
8.95E+02	1.93E-03	1.38E-02	3.17E-13	7.16E-07	6.45E-07
8.96E+02	1.96E-03	1.39E-02	3.20E-13	7.23E-07	6.52E-07
8.97E+02	1.99E-03	1.41E-02	3.24E-13	7.31E-07	6.60E-07
8.98E+02	2.02E-03	1.42E-02	3.27E-13	7.38E-07	6.67E-07
8.99E+02	2.05E-03	1.43E-02	3.30E-13	7.46E-07	6.74E-07
9.00E+02	2.07E-03	1.45E-02	3.33E-13	7.53E-07	6.81E-07
9.01E+02	2.10E-03	1.46E-02	3.36E-13	7.61E-07	6.89E-07
9.02E+02	2.13E-03	1.47E-02	3.39E-13	7.68E-07	6.96E-07
9.03E+02	2.16E-03	1.49E-02	3.43E-13	7.76E-07	7.03E-07
9.04E+02	2.19E-03	1.50E-02	3.46E-13	7.83E-07	7.11E-07
9.05E+02	2.22E-03	1.51E-02	3.49E-13	7.91E-07	7.18E-07

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.06E+02	2.25E-03	1.53E-02	3.52E-13	7.98E-07	7.25E-07
9.07E+02	2.28E-03	1.54E-02	3.55E-13	8.05E-07	7.32E-07
9.08E+02	2.30E-03	1.55E-02	3.58E-13	8.13E-07	7.39E-07
9.09E+02	2.33E-03	1.57E-02	3.61E-13	8.20E-07	7.47E-07
9.10E+02	2.36E-03	1.58E-02	3.64E-13	8.27E-07	7.54E-07
9.11E+02	2.39E-03	1.59E-02	3.67E-13	8.34E-07	7.61E-07
9.12E+02	2.42E-03	1.60E-02	3.70E-13	8.42E-07	7.68E-07
9.13E+02	2.45E-03	1.62E-02	3.73E-13	8.49E-07	7.75E-07
9.14E+02	2.48E-03	1.63E-02	3.76E-13	8.56E-07	7.82E-07
9.15E+02	2.51E-03	1.64E-02	3.79E-13	8.63E-07	7.89E-07
9.16E+02	2.54E-03	1.65E-02	3.82E-13	8.70E-07	7.96E-07
9.17E+02	2.57E-03	1.67E-02	3.85E-13	8.77E-07	8.03E-07
9.18E+02	2.60E-03	1.68E-02	3.88E-13	8.84E-07	8.10E-07
9.19E+02	2.63E-03	1.69E-02	3.91E-13	8.91E-07	8.17E-07
9.20E+02	2.66E-03	1.70E-02	3.93E-13	8.98E-07	8.24E-07
9.21E+02	2.69E-03	1.72E-02	3.96E-13	9.05E-07	8.31E-07
9.22E+02	2.72E-03	1.73E-02	3.99E-13	9.12E-07	8.37E-07
9.23E+02	2.75E-03	1.74E-02	4.02E-13	9.19E-07	8.44E-07
9.24E+02	2.78E-03	1.75E-02	4.05E-13	9.25E-07	8.51E-07
9.25E+02	2.81E-03	1.76E-02	4.07E-13	9.32E-07	8.58E-07
9.26E+02	2.84E-03	1.78E-02	4.10E-13	9.39E-07	8.64E-07
9.27E+02	2.87E-03	1.79E-02	4.13E-13	9.46E-07	8.71E-07
9.28E+02	2.90E-03	1.80E-02	4.16E-13	9.52E-07	8.77E-07
9.29E+02	2.93E-03	1.81E-02	4.18E-13	9.59E-07	8.84E-07
9.30E+02	2.96E-03	1.82E-02	4.21E-13	9.65E-07	8.90E-07
9.31E+02	2.99E-03	1.83E-02	4.24E-13	9.72E-07	8.97E-07
9.32E+02	3.02E-03	1.84E-02	4.26E-13	9.78E-07	9.03E-07
9.33E+02	3.05E-03	1.86E-02	4.29E-13	9.84E-07	9.10E-07
9.34E+02	3.08E-03	1.87E-02	4.31E-13	9.91E-07	9.16E-07
9.35E+02	3.11E-03	1.88E-02	4.34E-13	9.97E-07	9.23E-07
9.36E+02	3.14E-03	1.89E-02	4.37E-13	1.00E-06	9.29E-07
9.37E+02	3.17E-03	1.90E-02	4.39E-13	1.01E-06	9.35E-07
9.38E+02	3.20E-03	1.91E-02	4.42E-13	1.02E-06	9.41E-07
9.39E+02	3.23E-03	1.92E-02	4.44E-13	1.02E-06	9.47E-07
9.40E+02	3.26E-03	1.93E-02	4.46E-13	1.03E-06	9.53E-07
9.41E+02	3.29E-03	1.94E-02	4.49E-13	1.03E-06	9.59E-07
9.42E+02	3.32E-03	1.95E-02	4.51E-13	1.04E-06	9.65E-07

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.43E+02	3.35E-03	1.96E-02	4.54E-13	1.05E-06	9.71E-07
9.44E+02	3.38E-03	1.97E-02	4.56E-13	1.05E-06	9.77E-07
9.45E+02	3.41E-03	1.98E-02	4.58E-13	1.06E-06	9.83E-07
9.46E+02	3.44E-03	1.99E-02	4.61E-13	1.06E-06	9.89E-07
9.47E+02	3.47E-03	2.00E-02	4.63E-13	1.07E-06	9.94E-07
9.48E+02	3.50E-03	2.01E-02	4.65E-13	1.07E-06	1.00E-06
9.49E+02	3.53E-03	2.02E-02	4.68E-13	1.08E-06	1.01E-06
9.50E+02	3.56E-03	2.03E-02	4.70E-13	1.08E-06	1.01E-06
9.51E+02	3.59E-03	2.04E-02	4.72E-13	1.09E-06	1.02E-06
9.52E+02	3.62E-03	2.05E-02	4.74E-13	1.10E-06	1.02E-06
9.53E+02	3.65E-03	2.06E-02	4.76E-13	1.10E-06	1.03E-06
9.54E+02	3.68E-03	2.07E-02	4.78E-13	1.11E-06	1.03E-06
9.55E+02	3.71E-03	2.07E-02	4.80E-13	1.11E-06	1.04E-06
9.56E+02	3.74E-03	2.08E-02	4.83E-13	1.12E-06	1.04E-06
9.57E+02	3.77E-03	2.09E-02	4.85E-13	1.12E-06	1.05E-06
9.58E+02	3.80E-03	2.10E-02	4.87E-13	1.13E-06	1.05E-06
9.59E+02	3.83E-03	2.11E-02	4.89E-13	1.13E-06	1.06E-06
9.60E+02	3.86E-03	2.12E-02	4.91E-13	1.14E-06	1.06E-06
9.61E+02	3.89E-03	2.12E-02	4.93E-13	1.14E-06	1.07E-06
9.62E+02	3.92E-03	2.13E-02	4.94E-13	1.15E-06	1.07E-06
9.63E+02	3.95E-03	2.14E-02	4.96E-13	1.15E-06	1.08E-06
9.64E+02	3.97E-03	2.15E-02	4.98E-13	1.16E-06	1.08E-06
9.65E+02	4.00E-03	2.16E-02	5.00E-13	1.16E-06	1.09E-06
9.66E+02	4.03E-03	2.16E-02	5.02E-13	1.16E-06	1.09E-06
9.67E+02	4.06E-03	2.17E-02	5.04E-13	1.17E-06	1.10E-06
9.68E+02	4.09E-03	2.18E-02	5.05E-13	1.17E-06	1.10E-06
9.69E+02	4.12E-03	2.19E-02	5.07E-13	1.18E-06	1.11E-06
9.70E+02	4.14E-03	2.19E-02	5.09E-13	1.18E-06	1.11E-06
9.71E+02	4.17E-03	2.20E-02	5.11E-13	1.19E-06	1.12E-06
9.72E+02	4.20E-03	2.21E-02	5.12E-13	1.19E-06	1.12E-06
9.73E+02	4.23E-03	2.21E-02	5.14E-13	1.19E-06	1.12E-06
9.74E+02	4.26E-03	2.22E-02	5.16E-13	1.20E-06	1.13E-06
9.75E+02	4.28E-03	2.23E-02	5.17E-13	1.20E-06	1.13E-06
9.76E+02	4.31E-03	2.23E-02	5.19E-13	1.21E-06	1.14E-06
9.77E+02	4.34E-03	2.24E-02	5.20E-13	1.21E-06	1.14E-06
9.78E+02	4.36E-03	2.25E-02	5.22E-13	1.21E-06	1.15E-06
9.79E+02	4.39E-03	2.25E-02	5.23E-13	1.22E-06	1.15E-06

Table 1. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.80E+02	4.42E-03	2.26E-02	5.25E-13	1.22E-06	1.15E-06
9.81E+02	4.45E-03	2.27E-02	5.26E-13	1.23E-06	1.16E-06
9.82E+02	4.47E-03	2.27E-02	5.28E-13	1.23E-06	1.16E-06
9.83E+02	4.50E-03	2.28E-02	5.29E-13	1.23E-06	1.16E-06
9.84E+02	4.52E-03	2.28E-02	5.30E-13	1.24E-06	1.17E-06
9.85E+02	4.55E-03	2.29E-02	5.32E-13	1.24E-06	1.17E-06
9.86E+02	4.58E-03	2.29E-02	5.33E-13	1.24E-06	1.18E-06
9.87E+02	4.60E-03	2.30E-02	5.35E-13	1.25E-06	1.18E-06
9.88E+02	4.63E-03	2.31E-02	5.36E-13	1.25E-06	1.18E-06
9.89E+02	4.66E-03	2.31E-02	5.37E-13	1.25E-06	1.19E-06
9.90E+02	4.68E-03	2.32E-02	5.38E-13	1.26E-06	1.19E-06
9.91E+02	4.71E-03	2.32E-02	5.40E-13	1.26E-06	1.19E-06
9.92E+02	4.73E-03	2.33E-02	5.41E-13	1.26E-06	1.20E-06
9.93E+02	4.76E-03	2.33E-02	5.42E-13	1.26E-06	1.20E-06
9.94E+02	4.78E-03	2.34E-02	5.43E-13	1.27E-06	1.20E-06
9.95E+02	4.81E-03	2.34E-02	5.44E-13	1.27E-06	1.21E-06
9.96E+02	4.83E-03	2.34E-02	5.45E-13	1.27E-06	1.21E-06
9.97E+02	4.86E-03	2.35E-02	5.46E-13	1.28E-06	1.21E-06
9.98E+02	4.88E-03	2.35E-02	5.47E-13	1.28E-06	1.21E-06
9.99E+02	4.90E-03	2.36E-02	5.49E-13	1.28E-06	1.22E-06
1.00E+03	4.93E-03	2.36E-02	5.50E-13	1.28E-06	1.22E-06

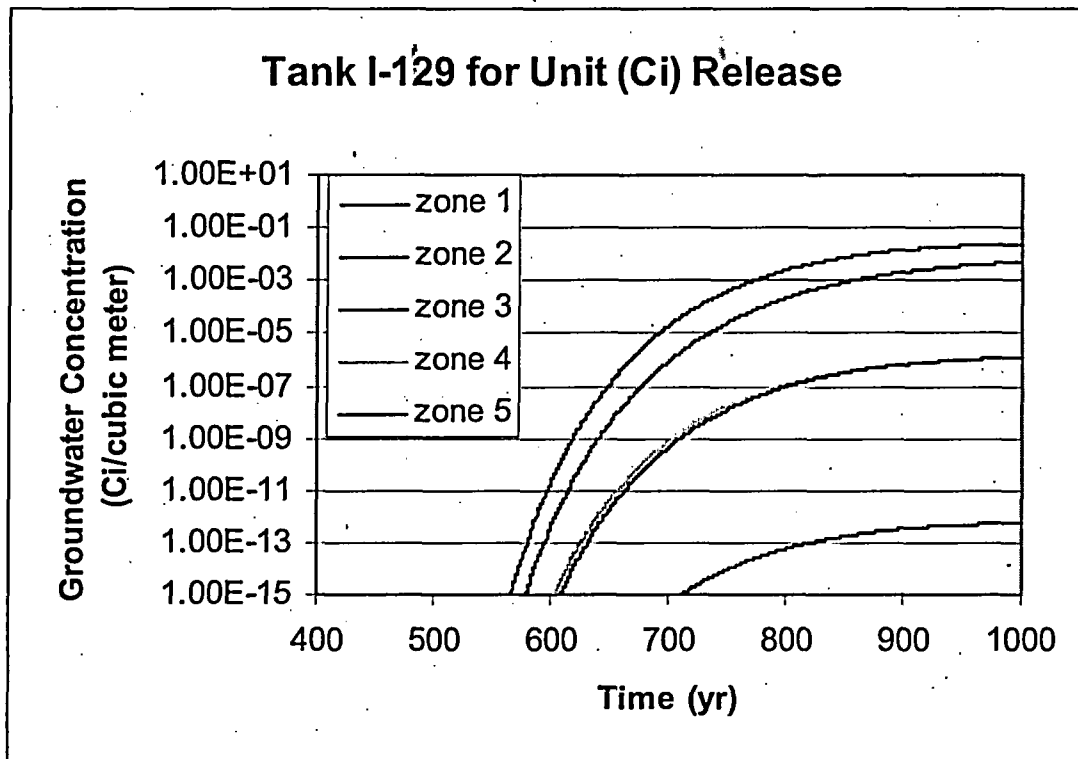


Figure 2.  $^{129}\text{I}$  groundwater concentrations at selected locations for a unit Ci release from a tank.

Table 2. Groundwater concentrations for 99Tc unit Ci release from a tank.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.01E+02	4.59E-39	8.34E-37	7.08E-48	3.69E-44	1.79E-52
5.02E+02	1.48E-37	1.29E-35	1.95E-46	2.66E-41	6.55E-45
5.03E+02	1.20E-36	8.92E-35	1.36E-45	4.03E-40	2.93E-42
5.04E+02	7.15E-36	4.44E-34	7.28E-45	2.86E-39	7.47E-41
5.05E+02	3.58E-35	2.08E-33	3.54E-44	1.48E-38	6.33E-40
5.06E+02	1.51E-34	8.25E-33	1.41E-43	6.93E-38	3.83E-39
5.07E+02	5.84E-34	2.91E-32	5.15E-43	2.79E-37	1.91E-38
5.08E+02	2.05E-33	9.77E-32	1.76E-42	1.00E-36	8.18E-38
5.09E+02	6.60E-33	2.97E-31	5.38E-42	3.38E-36	3.16E-37
5.10E+02	2.00E-32	8.45E-31	1.57E-41	1.04E-35	1.11E-36
5.11E+02	5.68E-32	2.31E-30	4.32E-41	3.01E-35	3.60E-36
5.12E+02	1.52E-31	5.92E-30	1.11E-40	8.27E-35	1.09E-35
5.13E+02	3.91E-31	1.45E-29	2.77E-40	2.14E-34	3.09E-35
5.14E+02	9.56E-31	3.42E-29	6.58E-40	5.29E-34	8.31E-35
5.15E+02	2.24E-30	7.70E-29	1.49E-39	1.26E-33	2.13E-34
5.16E+02	5.09E-30	1.68E-28	3.29E-39	2.86E-33	5.20E-34
5.17E+02	1.11E-29	3.55E-28	7.00E-39	6.29E-33	1.22E-33
5.18E+02	2.35E-29	7.25E-28	1.44E-38	1.34E-32	2.76E-33
5.19E+02	4.84E-29	1.44E-27	2.88E-38	2.76E-32	6.02E-33
5.20E+02	9.67E-29	2.79E-27	5.60E-38	5.52E-32	1.27E-32
5.21E+02	1.90E-28	5.31E-27	9.29E-38	9.80E-32	2.63E-32
5.22E+02	3.66E-28	9.90E-27	1.75E-37	1.66E-31	5.13E-32
5.23E+02	6.75E-28	1.78E-26	3.16E-37	3.03E-31	8.81E-32
5.24E+02	1.24E-27	3.16E-26	5.69E-37	5.57E-31	1.55E-31
5.25E+02	2.19E-27	5.44E-26	9.89E-37	9.90E-31	2.78E-31
5.26E+02	3.87E-27	9.35E-26	1.71E-36	1.75E-30	5.07E-31
5.27E+02	6.59E-27	1.55E-25	2.87E-36	3.01E-30	8.98E-31
5.28E+02	1.12E-26	2.58E-25	4.80E-36	5.14E-30	1.59E-30
5.29E+02	1.85E-26	4.17E-25	7.79E-36	8.51E-30	2.72E-30
5.30E+02	3.06E-26	6.70E-25	1.26E-35	1.41E-29	4.63E-30
5.31E+02	4.90E-26	1.05E-24	1.99E-35	2.26E-29	7.67E-30
5.32E+02	7.85E-26	1.64E-24	3.13E-35	3.63E-29	1.27E-29
5.33E+02	1.22E-25	2.51E-24	4.80E-35	5.66E-29	2.03E-29
5.34E+02	1.91E-25	3.83E-24	7.38E-35	8.84E-29	3.26E-29
5.35E+02	2.91E-25	5.72E-24	1.11E-34	1.35E-28	5.09E-29



Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.36E+02	4.43E-25	8.54E-24	1.66E-34	2.05E-28	7.93E-29
5.37E+02	6.61E-25	1.25E-23	2.44E-34	3.06E-28	1.21E-28
5.38E+02	9.86E-25	1.82E-23	3.58E-34	4.56E-28	1.84E-28
5.39E+02	1.44E-24	2.62E-23	5.15E-34	6.65E-28	2.74E-28
5.40E+02	2.10E-24	3.75E-23	7.42E-34	9.70E-28	4.09E-28
5.41E+02	3.02E-24	5.28E-23	1.05E-33	1.39E-27	5.96E-28
5.42E+02	4.33E-24	7.44E-23	1.48E-33	1.99E-27	8.70E-28
5.43E+02	6.10E-24	1.03E-22	2.06E-33	2.80E-27	1.25E-27
5.44E+02	8.61E-24	1.43E-22	2.87E-33	3.94E-27	1.78E-27
5.45E+02	1.19E-23	1.95E-22	3.93E-33	5.45E-27	2.51E-27
5.46E+02	1.66E-23	2.66E-22	5.38E-33	7.54E-27	3.53E-27
5.47E+02	2.27E-23	3.58E-22	7.27E-33	1.03E-26	4.89E-27
5.48E+02	3.10E-23	4.83E-22	9.82E-33	1.40E-26	6.78E-27
5.49E+02	4.19E-23	6.41E-22	1.31E-32	1.89E-26	9.25E-27
5.50E+02	5.66E-23	8.53E-22	1.74E-32	2.54E-26	1.26E-26
5.51E+02	7.53E-23	1.12E-21	2.29E-32	3.37E-26	1.70E-26
5.52E+02	1.00E-22	1.47E-21	3.02E-32	4.48E-26	2.29E-26
5.53E+02	1.32E-22	1.91E-21	3.93E-32	5.88E-26	3.04E-26
5.54E+02	1.74E-22	2.48E-21	5.12E-32	7.72E-26	4.04E-26
5.55E+02	2.27E-22	3.18E-21	6.58E-32	1.00E-25	5.30E-26
5.56E+02	2.96E-22	4.09E-21	8.48E-32	1.30E-25	6.97E-26
5.57E+02	3.81E-22	5.19E-21	1.08E-31	1.67E-25	9.04E-26
5.58E+02	4.91E-22	6.61E-21	1.38E-31	2.14E-25	1.17E-25
5.59E+02	6.26E-22	8.32E-21	1.74E-31	2.72E-25	1.51E-25
5.60E+02	8.00E-22	1.05E-20	2.20E-31	3.47E-25	1.94E-25
5.61E+02	1.01E-21	1.31E-20	2.75E-31	4.36E-25	2.46E-25
5.62E+02	1.28E-21	1.64E-20	3.44E-31	5.50E-25	3.14E-25
5.63E+02	1.61E-21	2.03E-20	4.27E-31	6.87E-25	3.95E-25
5.64E+02	2.02E-21	2.52E-20	5.31E-31	8.59E-25	4.99E-25
5.65E+02	2.51E-21	3.09E-20	6.53E-31	1.06E-24	6.23E-25
5.66E+02	3.12E-21	3.81E-20	8.05E-31	1.32E-24	7.80E-25
5.67E+02	3.85E-21	4.65E-20	9.84E-31	1.62E-24	9.66E-25
5.68E+02	4.76E-21	5.68E-20	1.21E-30	2.00E-24	1.20E-24
5.69E+02	5.83E-21	6.88E-20	1.46E-30	2.44E-24	1.47E-24
5.70E+02	7.16E-21	8.36E-20	1.78E-30	2.98E-24	1.82E-24
5.71E+02	8.72E-21	1.01E-19	2.14E-30	3.61E-24	2.22E-24
5.72E+02	1.06E-20	1.21E-19	2.59E-30	4.38E-24	2.71E-24

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.73E+02	1.29E-20	1.45E-19	3.10E-30	5.28E-24	3.29E-24
5.74E+02	1.56E-20	1.74E-19	3.73E-30	6.37E-24	4.00E-24
5.75E+02	1.87E-20	2.07E-19	4.44E-30	7.62E-24	4.81E-24
5.76E+02	2.25E-20	2.47E-19	5.31E-30	9.14E-24	5.81E-24
5.77E+02	2.69E-20	2.93E-19	6.29E-30	1.09E-23	6.96E-24
5.78E+02	3.23E-20	3.47E-19	7.47E-30	1.30E-23	8.35E-24
5.79E+02	3.84E-20	4.09E-19	8.81E-30	1.54E-23	9.95E-24
5.80E+02	4.57E-20	4.83E-19	1.04E-29	1.82E-23	1.19E-23
5.81E+02	5.41E-20	5.66E-19	1.22E-29	2.15E-23	1.41E-23
5.82E+02	6.41E-20	6.65E-19	1.44E-29	2.54E-23	1.67E-23
5.83E+02	7.54E-20	7.75E-19	1.68E-29	2.97E-23	1.97E-23
5.84E+02	8.90E-20	9.07E-19	1.96E-29	3.49E-23	2.33E-23
5.85E+02	1.04E-19	1.05E-18	2.28E-29	4.08E-23	2.73E-23
5.86E+02	1.22E-19	1.23E-18	2.66E-29	4.77E-23	3.20E-23
5.87E+02	1.43E-19	1.42E-18	3.08E-29	5.54E-23	3.74E-23
5.88E+02	1.67E-19	1.64E-18	3.57E-29	6.45E-23	4.38E-23
5.89E+02	1.94E-19	1.89E-18	4.12E-29	7.46E-23	5.09E-23
5.90E+02	2.26E-19	2.18E-18	4.76E-29	8.65E-23	5.92E-23
5.91E+02	2.61E-19	2.51E-18	5.46E-29	9.96E-23	6.86E-23
5.92E+02	3.02E-19	2.88E-18	6.28E-29	1.15E-22	7.95E-23
5.93E+02	3.48E-19	3.29E-18	7.19E-29	1.32E-22	9.17E-23
5.94E+02	4.02E-19	3.77E-18	8.25E-29	1.52E-22	1.06E-22
5.95E+02	4.62E-19	4.30E-18	9.40E-29	1.74E-22	1.22E-22
5.96E+02	5.31E-19	4.91E-18	1.07E-28	1.99E-22	1.40E-22
5.97E+02	6.08E-19	5.58E-18	1.22E-28	2.27E-22	1.60E-22
5.98E+02	6.97E-19	6.35E-18	1.39E-28	2.59E-22	1.83E-22
5.99E+02	7.94E-19	7.19E-18	1.58E-28	2.94E-22	2.09E-22
6.00E+02	9.05E-19	8.13E-18	1.79E-28	3.34E-22	2.38E-22
6.01E+02	1.03E-18	9.21E-18	2.02E-28	3.80E-22	2.72E-22
6.02E+02	1.17E-18	1.04E-17	2.28E-28	4.29E-22	3.08E-22
6.03E+02	1.33E-18	1.17E-17	2.58E-28	4.86E-22	3.51E-22
6.04E+02	1.51E-18	1.32E-17	2.90E-28	5.48E-22	3.97E-22
6.05E+02	1.71E-18	1.48E-17	3.27E-28	6.19E-22	4.49E-22
6.06E+02	1.93E-18	1.66E-17	3.66E-28	6.96E-22	5.07E-22
6.07E+02	2.18E-18	1.87E-17	4.12E-28	7.84E-22	5.73E-22
6.08E+02	2.45E-18	2.09E-17	4.60E-28	8.79E-22	6.44E-22
6.09E+02	2.76E-18	2.34E-17	5.16E-28	9.87E-22	7.26E-22

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.10E+02	3.10E-18	2.61E-17	5.76E-28	1.10E-21	8.14E-22
6.11E+02	3.48E-18	2.91E-17	6.44E-28	1.24E-21	9.15E-22
6.12E+02	3.90E-18	3.24E-17	7.17E-28	1.38E-21	1.02E-21
6.13E+02	4.37E-18	3.61E-17	7.99E-28	1.54E-21	1.15E-21
6.14E+02	4.88E-18	4.01E-17	8.87E-28	1.72E-21	1.28E-21
6.15E+02	5.46E-18	4.46E-17	9.87E-28	1.91E-21	1.43E-21
6.16E+02	6.08E-18	4.94E-17	1.09E-27	2.12E-21	1.59E-21
6.17E+02	6.79E-18	5.48E-17	1.21E-27	2.36E-21	1.77E-21
6.18E+02	7.54E-18	6.05E-17	1.34E-27	2.62E-21	1.97E-21
6.19E+02	8.40E-18	6.70E-17	1.49E-27	2.90E-21	2.19E-21
6.20E+02	9.31E-18	7.39E-17	1.64E-27	3.21E-21	2.43E-21
6.21E+02	1.03E-17	8.17E-17	1.81E-27	3.55E-21	2.70E-21
6.22E+02	1.14E-17	8.99E-17	2.00E-27	3.92E-21	2.98E-21
6.23E+02	1.27E-17	9.91E-17	2.20E-27	4.33E-21	3.30E-21
6.24E+02	1.40E-17	1.09E-16	2.42E-27	4.77E-21	3.65E-21
6.25E+02	1.55E-17	1.20E-16	2.67E-27	5.26E-21	4.03E-21
6.26E+02	1.71E-17	1.31E-16	2.93E-27	5.78E-21	4.44E-21
6.27E+02	1.89E-17	1.44E-16	3.22E-27	6.36E-21	4.90E-21
6.28E+02	2.08E-17	1.58E-16	3.52E-27	6.98E-21	5.38E-21
6.29E+02	2.29E-17	1.73E-16	3.86E-27	7.66E-21	5.92E-21
6.30E+02	2.51E-17	1.89E-16	4.22E-27	8.39E-21	6.50E-21
6.31E+02	2.76E-17	2.07E-16	4.62E-27	9.20E-21	7.14E-21
6.32E+02	3.03E-17	2.26E-16	5.04E-27	1.01E-20	7.82E-21
6.33E+02	3.32E-17	2.47E-16	5.51E-27	1.10E-20	8.58E-21
6.34E+02	3.64E-17	2.69E-16	6.00E-27	1.20E-20	9.37E-21
6.35E+02	3.99E-17	2.93E-16	6.55E-27	1.31E-20	1.03E-20
6.36E+02	4.35E-17	3.19E-16	7.13E-27	1.43E-20	1.12E-20
6.37E+02	4.77E-17	3.47E-16	7.77E-27	1.56E-20	1.22E-20
6.38E+02	5.20E-17	3.77E-16	8.44E-27	1.70E-20	1.33E-20
6.39E+02	5.68E-17	4.10E-16	9.18E-27	1.85E-20	1.46E-20
6.40E+02	6.18E-17	4.45E-16	9.96E-27	2.01E-20	1.58E-20
6.41E+02	6.74E-17	4.83E-16	1.08E-26	2.18E-20	1.73E-20
6.42E+02	7.33E-17	5.23E-16	1.17E-26	2.37E-20	1.88E-20
6.43E+02	7.99E-17	5.67E-16	1.27E-26	2.57E-20	2.04E-20
6.44E+02	8.67E-17	6.13E-16	1.37E-26	2.78E-20	2.21E-20
6.45E+02	9.43E-17	6.64E-16	1.49E-26	3.02E-20	2.40E-20
6.46E+02	1.02E-16	7.17E-16	1.61E-26	3.27E-20	2.60E-20

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.47E+02	1.11E-16	7.75E-16	1.74E-26	3.54E-20	2.82E-20
6.48E+02	1.20E-16	8.36E-16	1.88E-26	3.82E-20	3.06E-20
6.49E+02	1.30E-16	9.03E-16	2.03E-26	4.13E-20	3.31E-20
6.50E+02	1.41E-16	9.73E-16	2.19E-26	4.46E-20	3.57E-20
6.51E+02	1.53E-16	1.05E-15	2.36E-26	4.81E-20	3.87E-20
6.52E+02	1.65E-16	1.13E-15	2.54E-26	5.19E-20	4.17E-20
6.53E+02	1.78E-16	1.22E-15	2.74E-26	5.60E-20	4.51E-20
6.54E+02	1.92E-16	1.31E-15	2.94E-26	6.02E-20	4.86E-20
6.55E+02	2.08E-16	1.41E-15	3.16E-26	6.49E-20	5.24E-20
6.56E+02	2.24E-16	1.51E-15	3.40E-26	6.97E-20	5.64E-20
6.57E+02	2.42E-16	1.62E-15	3.65E-26	7.51E-20	6.08E-20
6.58E+02	2.60E-16	1.74E-15	3.92E-26	8.06E-20	6.54E-20
6.59E+02	2.80E-16	1.87E-15	4.21E-26	8.66E-20	7.04E-20
6.60E+02	3.01E-16	2.00E-15	4.51E-26	9.29E-20	7.55E-20
6.61E+02	3.24E-16	2.15E-15	4.84E-26	9.98E-20	8.12E-20
6.62E+02	3.48E-16	2.30E-15	5.18E-26	1.07E-19	8.71E-20
6.63E+02	3.74E-16	2.46E-15	5.55E-26	1.15E-19	9.36E-20
6.64E+02	4.02E-16	2.63E-15	5.93E-26	1.23E-19	1.00E-19
6.65E+02	4.31E-16	2.81E-15	6.35E-26	1.31E-19	1.08E-19
6.66E+02	4.62E-16	3.01E-15	6.79E-26	1.41E-19	1.15E-19
6.67E+02	4.96E-16	3.21E-15	7.26E-26	1.50E-19	1.23E-19
6.68E+02	5.31E-16	3.43E-15	7.74E-26	1.61E-19	1.32E-19
6.69E+02	5.69E-16	3.66E-15	8.27E-26	1.72E-19	1.41E-19
6.70E+02	6.08E-16	3.90E-15	8.82E-26	1.83E-19	1.51E-19
6.71E+02	6.51E-16	4.16E-15	9.41E-26	1.96E-19	1.61E-19
6.72E+02	6.96E-16	4.43E-15	1.00E-25	2.09E-19	1.72E-19
6.73E+02	7.44E-16	4.73E-15	1.07E-25	2.23E-19	1.84E-19
6.74E+02	7.94E-16	5.03E-15	1.14E-25	2.37E-19	1.96E-19
6.75E+02	8.49E-16	5.36E-15	1.21E-25	2.53E-19	2.09E-19
6.76E+02	9.05E-16	5.69E-15	1.29E-25	2.69E-19	2.23E-19
6.77E+02	9.66E-16	6.06E-15	1.37E-25	2.87E-19	2.38E-19
6.78E+02	1.03E-15	6.43E-15	1.46E-25	3.05E-19	2.53E-19
6.79E+02	1.10E-15	6.84E-15	1.55E-25	3.24E-19	2.70E-19
6.80E+02	1.17E-15	7.26E-15	1.65E-25	3.45E-19	2.87E-19
6.81E+02	1.24E-15	7.71E-15	1.75E-25	3.66E-19	3.05E-19
6.82E+02	1.32E-15	8.18E-15	1.85E-25	3.89E-19	3.24E-19
6.83E+02	1.41E-15	8.68E-15	1.97E-25	4.13E-19	3.45E-19

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.84E+02	1.50E-15	9.19E-15	2.09E-25	4.38E-19	3.66E-19
6.85E+02	1.59E-15	9.75E-15	2.21E-25	4.65E-19	3.89E-19
6.86E+02	1.69E-15	1.03E-14	2.34E-25	4.93E-19	4.12E-19
6.87E+02	1.80E-15	1.09E-14	2.49E-25	5.23E-19	4.38E-19
6.88E+02	1.91E-15	1.16E-14	2.63E-25	5.54E-19	4.64E-19
6.89E+02	2.03E-15	1.23E-14	2.79E-25	5.87E-19	4.92E-19
6.90E+02	2.15E-15	1.30E-14	2.94E-25	6.21E-19	5.21E-19
6.91E+02	2.28E-15	1.37E-14	3.12E-25	6.57E-19	5.53E-19
6.92E+02	2.41E-15	1.45E-14	3.29E-25	6.95E-19	5.85E-19
6.93E+02	2.56E-15	1.53E-14	3.48E-25	7.36E-19	6.19E-19
6.94E+02	2.71E-15	1.62E-14	3.68E-25	7.77E-19	6.55E-19
6.95E+02	2.87E-15	1.71E-14	3.89E-25	8.22E-19	6.93E-19
6.96E+02	3.04E-15	1.80E-14	4.10E-25	8.68E-19	7.32E-19
6.97E+02	3.22E-15	1.90E-14	4.34E-25	9.18E-19	7.75E-19
6.98E+02	3.40E-15	2.01E-14	4.57E-25	9.68E-19	8.18E-19
6.99E+02	3.60E-15	2.12E-14	4.83E-25	1.02E-18	8.65E-19
7.00E+02	3.80E-15	2.23E-14	5.09E-25	1.08E-18	9.13E-19
7.01E+02	4.02E-15	2.35E-14	5.37E-25	1.14E-18	9.64E-19
7.02E+02	4.24E-15	2.48E-14	5.65E-25	1.20E-18	1.02E-18
7.03E+02	4.48E-15	2.61E-14	5.96E-25	1.26E-18	1.07E-18
7.04E+02	4.73E-15	2.75E-14	6.27E-25	1.33E-18	1.13E-18
7.05E+02	4.99E-15	2.90E-14	6.61E-25	1.40E-18	1.19E-18
7.06E+02	5.26E-15	3.05E-14	6.95E-25	1.48E-18	1.26E-18
7.07E+02	5.56E-15	3.21E-14	7.32E-25	1.56E-18	1.32E-18
7.08E+02	5.85E-15	3.37E-14	7.70E-25	1.64E-18	1.39E-18
7.09E+02	6.17E-15	3.55E-14	8.10E-25	1.72E-18	1.47E-18
7.10E+02	6.50E-15	3.73E-14	8.51E-25	1.81E-18	1.55E-18
7.11E+02	6.85E-15	3.92E-14	8.95E-25	1.91E-18	1.63E-18
7.12E+02	7.21E-15	4.11E-14	9.40E-25	2.00E-18	1.71E-18
7.13E+02	7.60E-15	4.32E-14	9.88E-25	2.11E-18	1.80E-18
7.14E+02	7.99E-15	4.54E-14	1.04E-24	2.21E-18	1.89E-18
7.15E+02	8.41E-15	4.77E-14	1.09E-24	2.33E-18	1.99E-18
7.16E+02	8.84E-15	5.00E-14	1.14E-24	2.44E-18	2.09E-18
7.17E+02	9.30E-15	5.25E-14	1.20E-24	2.56E-18	2.20E-18
7.18E+02	9.77E-15	5.50E-14	1.26E-24	2.69E-18	2.31E-18
7.19E+02	1.03E-14	5.77E-14	1.32E-24	2.82E-18	2.42E-18
7.20E+02	1.08E-14	6.04E-14	1.38E-24	2.96E-18	2.54E-18

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.21E+02	1.13E-14	6.34E-14	1.45E-24	3.10E-18	2.67E-18
7.22E+02	1.19E-14	6.64E-14	1.52E-24	3.25E-18	2.80E-18
7.23E+02	1.25E-14	6.95E-14	1.59E-24	3.41E-18	2.93E-18
7.24E+02	1.31E-14	7.28E-14	1.67E-24	3.57E-18	3.07E-18
7.25E+02	1.38E-14	7.62E-14	1.75E-24	3.74E-18	3.22E-18
7.26E+02	1.44E-14	7.97E-14	1.83E-24	3.92E-18	3.38E-18
7.27E+02	1.51E-14	8.35E-14	1.91E-24	4.11E-18	3.54E-18
7.28E+02	1.59E-14	8.73E-14	2.00E-24	4.29E-18	3.70E-18
7.29E+02	1.66E-14	9.14E-14	2.10E-24	4.50E-18	3.88E-18
7.30E+02	1.74E-14	9.55E-14	2.19E-24	4.70E-18	4.06E-18
7.31E+02	1.83E-14	9.99E-14	2.29E-24	4.92E-18	4.25E-18
7.32E+02	1.91E-14	1.04E-13	2.39E-24	5.14E-18	4.45E-18
7.33E+02	2.00E-14	1.09E-13	2.50E-24	5.38E-18	4.65E-18
7.34E+02	2.09E-14	1.14E-13	2.62E-24	5.62E-18	4.86E-18
7.35E+02	2.19E-14	1.19E-13	2.73E-24	5.88E-18	5.09E-18
7.36E+02	2.29E-14	1.24E-13	2.85E-24	6.14E-18	5.32E-18
7.37E+02	2.40E-14	1.30E-13	2.98E-24	6.41E-18	5.56E-18
7.38E+02	2.51E-14	1.35E-13	3.11E-24	6.69E-18	5.81E-18
7.39E+02	2.62E-14	1.41E-13	3.25E-24	6.99E-18	6.07E-18
7.40E+02	2.74E-14	1.47E-13	3.39E-24	7.29E-18	6.33E-18
7.41E+02	2.87E-14	1.54E-13	3.54E-24	7.62E-18	6.62E-18
7.42E+02	2.99E-14	1.60E-13	3.69E-24	7.94E-18	6.90E-18
7.43E+02	3.13E-14	1.67E-13	3.85E-24	8.29E-18	7.21E-18
7.44E+02	3.27E-14	1.74E-13	4.01E-24	8.64E-18	7.52E-18
7.45E+02	3.41E-14	1.82E-13	4.18E-24	9.01E-18	7.85E-18
7.46E+02	3.56E-14	1.89E-13	4.36E-24	9.39E-18	8.18E-18
7.47E+02	3.72E-14	1.97E-13	4.54E-24	9.80E-18	8.53E-18
7.48E+02	3.88E-14	2.05E-13	4.73E-24	1.02E-17	8.89E-18
7.49E+02	4.05E-14	2.14E-13	4.93E-24	1.06E-17	9.28E-18
7.50E+02	4.22E-14	2.23E-13	5.13E-24	1.11E-17	9.66E-18
7.51E+02	4.40E-14	2.32E-13	5.35E-24	1.15E-17	1.01E-17
7.52E+02	4.59E-14	2.41E-13	5.56E-24	1.20E-17	1.05E-17
7.53E+02	4.79E-14	2.51E-13	5.79E-24	1.25E-17	1.09E-17
7.54E+02	4.98E-14	2.61E-13	6.03E-24	1.30E-17	1.14E-17
7.55E+02	5.20E-14	2.72E-13	6.27E-24	1.35E-17	1.19E-17
7.56E+02	5.41E-14	2.82E-13	6.52E-24	1.41E-17	1.23E-17
7.57E+02	5.64E-14	2.94E-13	6.79E-24	1.47E-17	1.28E-17

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.58E+02	5.87E-14	3.05E-13	7.05E-24	1.52E-17	1.34E-17
7.59E+02	6.12E-14	3.17E-13	7.34E-24	1.59E-17	1.39E-17
7.60E+02	6.36E-14	3.30E-13	7.62E-24	1.65E-17	1.44E-17
7.61E+02	6.63E-14	3.43E-13	7.93E-24	1.71E-17	1.50E-17
7.62E+02	6.89E-14	3.56E-13	8.23E-24	1.78E-17	1.56E-17
7.63E+02	7.18E-14	3.70E-13	8.56E-24	1.85E-17	1.63E-17
7.64E+02	7.46E-14	3.84E-13	8.89E-24	1.92E-17	1.69E-17
7.65E+02	7.76E-14	3.99E-13	9.23E-24	2.00E-17	1.76E-17
7.66E+02	8.07E-14	4.14E-13	9.58E-24	2.07E-17	1.82E-17
7.67E+02	8.39E-14	4.30E-13	9.95E-24	2.16E-17	1.89E-17
7.68E+02	8.72E-14	4.46E-13	1.03E-23	2.24E-17	1.97E-17
7.69E+02	9.07E-14	4.63E-13	1.07E-23	2.32E-17	2.04E-17
7.70E+02	9.42E-14	4.80E-13	1.11E-23	2.41E-17	2.12E-17
7.71E+02	9.79E-14	4.98E-13	1.15E-23	2.50E-17	2.20E-17
7.72E+02	1.02E-13	5.16E-13	1.20E-23	2.59E-17	2.28E-17
7.73E+02	1.06E-13	5.36E-13	1.24E-23	2.69E-17	2.37E-17
7.74E+02	1.10E-13	5.55E-13	1.29E-23	2.79E-17	2.46E-17
7.75E+02	1.14E-13	5.76E-13	1.34E-23	2.90E-17	2.55E-17
7.76E+02	1.18E-13	5.96E-13	1.38E-23	3.00E-17	2.65E-17
7.77E+02	1.23E-13	6.18E-13	1.44E-23	3.11E-17	2.75E-17
7.78E+02	1.27E-13	6.40E-13	1.49E-23	3.22E-17	2.85E-17
7.79E+02	1.32E-13	6.64E-13	1.54E-23	3.34E-17	2.95E-17
7.80E+02	1.37E-13	6.87E-13	1.60E-23	3.46E-17	3.06E-17
7.81E+02	1.42E-13	7.12E-13	1.66E-23	3.59E-17	3.17E-17
7.82E+02	1.47E-13	7.37E-13	1.71E-23	3.72E-17	3.29E-17
7.83E+02	1.53E-13	7.63E-13	1.78E-23	3.85E-17	3.41E-17
7.84E+02	1.58E-13	7.90E-13	1.84E-23	3.99E-17	3.53E-17
7.85E+02	1.64E-13	8.18E-13	1.90E-23	4.13E-17	3.65E-17
7.86E+02	1.70E-13	8.46E-13	1.97E-23	4.27E-17	3.78E-17
7.87E+02	1.76E-13	8.76E-13	2.04E-23	4.42E-17	3.92E-17
7.88E+02	1.83E-13	9.06E-13	2.11E-23	4.58E-17	4.06E-17
7.89E+02	1.89E-13	9.37E-13	2.18E-23	4.74E-17	4.20E-17
7.90E+02	1.96E-13	9.69E-13	2.26E-23	4.90E-17	4.35E-17
7.91E+02	2.03E-13	1.00E-12	2.34E-23	5.07E-17	4.50E-17
7.92E+02	2.10E-13	1.04E-12	2.42E-23	5.25E-17	4.65E-17
7.93E+02	2.18E-13	1.07E-12	2.50E-23	5.43E-17	4.82E-17
7.94E+02	2.25E-13	1.11E-12	2.58E-23	5.61E-17	4.98E-17

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.95E+02	2.33E-13	1.15E-12	2.67E-23	5.80E-17	5.15E-17
7.96E+02	2.41E-13	1.18E-12	2.76E-23	6.00E-17	5.33E-17
7.97E+02	2.50E-13	1.22E-12	2.86E-23	6.20E-17	5.51E-17
7.98E+02	2.59E-13	1.26E-12	2.95E-23	6.41E-17	5.70E-17
7.99E+02	2.68E-13	1.31E-12	3.05E-23	6.62E-17	5.89E-17
8.00E+02	2.77E-13	1.35E-12	3.15E-23	6.84E-17	6.09E-17
8.01E+02	2.86E-13	1.39E-12	3.26E-23	7.07E-17	6.29E-17
8.02E+02	2.96E-13	1.44E-12	3.36E-23	7.30E-17	6.50E-17
8.03E+02	3.06E-13	1.49E-12	3.47E-23	7.55E-17	6.72E-17
8.04E+02	3.16E-13	1.53E-12	3.59E-23	7.79E-17	6.94E-17
8.05E+02	3.27E-13	1.58E-12	3.71E-23	8.05E-17	7.17E-17
8.06E+02	3.38E-13	1.63E-12	3.82E-23	8.30E-17	7.40E-17
8.07E+02	3.49E-13	1.69E-12	3.95E-23	8.58E-17	7.65E-17
8.08E+02	3.61E-13	1.74E-12	4.08E-23	8.85E-17	7.89E-17
8.09E+02	3.73E-13	1.80E-12	4.21E-23	9.14E-17	8.15E-17
8.10E+02	3.85E-13	1.85E-12	4.34E-23	9.43E-17	8.41E-17
8.11E+02	3.98E-13	1.91E-12	4.48E-23	9.73E-17	8.68E-17
8.12E+02	4.11E-13	1.97E-12	4.62E-23	1.00E-16	8.96E-17
8.13E+02	4.24E-13	2.03E-12	4.77E-23	1.04E-16	9.25E-17
8.14E+02	4.38E-13	2.10E-12	4.92E-23	1.07E-16	9.54E-17
8.15E+02	4.52E-13	2.16E-12	5.07E-23	1.10E-16	9.85E-17
8.16E+02	4.67E-13	2.23E-12	5.23E-23	1.14E-16	1.02E-16
8.17E+02	4.82E-13	2.30E-12	5.40E-23	1.17E-16	1.05E-16
8.18E+02	4.97E-13	2.37E-12	5.56E-23	1.21E-16	1.08E-16
8.19E+02	5.13E-13	2.44E-12	5.73E-23	1.25E-16	1.11E-16
8.20E+02	5.29E-13	2.51E-12	5.91E-23	1.28E-16	1.15E-16
8.21E+02	5.46E-13	2.59E-12	6.09E-23	1.32E-16	1.18E-16
8.22E+02	5.63E-13	2.67E-12	6.28E-23	1.36E-16	1.22E-16
8.23E+02	5.81E-13	2.75E-12	6.47E-23	1.41E-16	1.26E-16
8.24E+02	5.99E-13	2.83E-12	6.66E-23	1.45E-16	1.30E-16
8.25E+02	6.18E-13	2.92E-12	6.87E-23	1.49E-16	1.34E-16
8.26E+02	6.37E-13	3.00E-12	7.07E-23	1.54E-16	1.38E-16
8.27E+02	6.57E-13	3.09E-12	7.29E-23	1.58E-16	1.42E-16
8.28E+02	6.77E-13	3.18E-12	7.50E-23	1.63E-16	1.46E-16
8.29E+02	6.98E-13	3.28E-12	7.73E-23	1.68E-16	1.50E-16
8.30E+02	7.19E-13	3.37E-12	7.95E-23	1.73E-16	1.55E-16
8.31E+02	7.41E-13	3.47E-12	8.19E-23	1.78E-16	1.60E-16



Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.32E+02	7.63E-13	3.57E-12	8.43E-23	1.83E-16	1.64E-16
8.33E+02	7.87E-13	3.68E-12	8.68E-23	1.88E-16	1.69E-16
8.34E+02	8.10E-13	3.78E-12	8.93E-23	1.94E-16	1.74E-16
8.35E+02	8.35E-13	3.89E-12	9.19E-23	2.00E-16	1.79E-16
8.36E+02	8.59E-13	4.00E-12	9.46E-23	2.05E-16	1.84E-16
8.37E+02	8.85E-13	4.12E-12	9.73E-23	2.11E-16	1.90E-16
8.38E+02	9.11E-13	4.24E-12	1.00E-22	2.17E-16	1.95E-16
8.39E+02	9.38E-13	4.36E-12	1.03E-22	2.24E-16	2.01E-16
8.40E+02	9.66E-13	4.48E-12	1.06E-22	2.30E-16	2.07E-16
8.41E+02	9.94E-13	4.61E-12	1.09E-22	2.36E-16	2.13E-16
8.42E+02	1.02E-12	4.73E-12	1.12E-22	2.43E-16	2.19E-16
8.43E+02	1.05E-12	4.87E-12	1.15E-22	2.50E-16	2.25E-16
8.44E+02	1.08E-12	5.00E-12	1.18E-22	2.57E-16	2.31E-16
8.45E+02	1.12E-12	5.14E-12	1.22E-22	2.64E-16	2.38E-16
8.46E+02	1.15E-12	5.28E-12	1.25E-22	2.72E-16	2.45E-16
8.47E+02	1.18E-12	5.43E-12	1.29E-22	2.79E-16	2.51E-16
8.48E+02	1.21E-12	5.58E-12	1.32E-22	2.87E-16	2.58E-16
8.49E+02	1.25E-12	5.73E-12	1.36E-22	2.95E-16	2.66E-16
8.50E+02	1.28E-12	5.89E-12	1.40E-22	3.03E-16	2.73E-16
8.51E+02	1.32E-12	6.05E-12	1.44E-22	3.11E-16	2.81E-16
8.52E+02	1.36E-12	6.21E-12	1.47E-22	3.20E-16	2.88E-16
8.53E+02	1.40E-12	6.38E-12	1.52E-22	3.28E-16	2.96E-16
8.54E+02	1.43E-12	6.55E-12	1.56E-22	3.37E-16	3.04E-16
8.55E+02	1.47E-12	6.73E-12	1.60E-22	3.46E-16	3.13E-16
8.56E+02	1.52E-12	6.90E-12	1.64E-22	3.56E-16	3.21E-16
8.57E+02	1.56E-12	7.09E-12	1.69E-22	3.65E-16	3.30E-16
8.58E+02	1.60E-12	7.28E-12	1.73E-22	3.75E-16	3.39E-16
8.59E+02	1.64E-12	7.47E-12	1.78E-22	3.85E-16	3.48E-16
8.60E+02	1.69E-12	7.67E-12	1.82E-22	3.95E-16	3.57E-16
8.61E+02	1.74E-12	7.87E-12	1.87E-22	4.06E-16	3.67E-16
8.62E+02	1.78E-12	8.07E-12	1.92E-22	4.16E-16	3.76E-16
8.63E+02	1.83E-12	8.29E-12	1.97E-22	4.28E-16	3.86E-16
8.64E+02	1.88E-12	8.50E-12	2.03E-22	4.39E-16	3.97E-16
8.65E+02	1.93E-12	8.72E-12	2.08E-22	4.50E-16	4.07E-16
8.66E+02	1.98E-12	8.95E-12	2.13E-22	4.62E-16	4.18E-16
8.67E+02	2.04E-12	9.18E-12	2.19E-22	4.74E-16	4.29E-16
8.68E+02	2.09E-12	9.41E-12	2.25E-22	4.86E-16	4.40E-16

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.80E+02	2.56E-11	1.05E-10	2.63E-21	5.54E-15	5.10E-15
9.81E+02	2.61E-11	1.07E-10	2.68E-21	5.65E-15	5.20E-15
9.82E+02	2.66E-11	1.09E-10	2.73E-21	5.75E-15	5.29E-15
9.83E+02	2.72E-11	1.11E-10	2.78E-21	5.86E-15	5.39E-15
9.84E+02	2.77E-11	1.13E-10	2.83E-21	5.97E-15	5.49E-15
9.85E+02	2.82E-11	1.16E-10	2.89E-21	6.08E-15	5.60E-15
9.86E+02	2.87E-11	1.18E-10	2.94E-21	6.19E-15	5.70E-15
9.87E+02	2.93E-11	1.20E-10	3.00E-21	6.31E-15	5.81E-15
9.88E+02	2.98E-11	1.22E-10	3.05E-21	6.42E-15	5.91E-15
9.89E+02	3.04E-11	1.24E-10	3.11E-21	6.54E-15	6.03E-15
9.90E+02	3.10E-11	1.27E-10	3.17E-21	6.66E-15	6.13E-15
9.91E+02	3.16E-11	1.29E-10	3.23E-21	6.78E-15	6.25E-15
9.92E+02	3.22E-11	1.31E-10	3.29E-21	6.90E-15	6.36E-15
9.93E+02	3.28E-11	1.34E-10	3.35E-21	7.03E-15	6.48E-15
9.94E+02	3.34E-11	1.36E-10	3.41E-21	7.16E-15	6.60E-15
9.95E+02	3.40E-11	1.38E-10	3.47E-21	7.29E-15	6.72E-15
9.96E+02	3.46E-11	1.41E-10	3.54E-21	7.42E-15	6.84E-15
9.97E+02	3.53E-11	1.43E-10	3.60E-21	7.55E-15	6.96E-15
9.98E+02	3.59E-11	1.46E-10	3.67E-21	7.69E-15	7.09E-15
9.99E+02	3.66E-11	1.49E-10	3.74E-21	7.83E-15	7.22E-15
1.00E+03	3.72E-11	1.51E-10	3.80E-21	7.97E-15	7.35E-15

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.69E+02	2.15E-12	9.66E-12	2.31E-22	4.99E-16	4.51E-16
8.70E+02	2.20E-12	9.90E-12	2.37E-22	5.12E-16	4.63E-16
8.71E+02	2.26E-12	1.02E-11	2.43E-22	5.25E-16	4.75E-16
8.72E+02	2.32E-12	1.04E-11	2.49E-22	5.38E-16	4.87E-16
8.73E+02	2.38E-12	1.07E-11	2.55E-22	5.52E-16	5.00E-16
8.74E+02	2.45E-12	1.09E-11	2.62E-22	5.66E-16	5.13E-16
8.75E+02	2.51E-12	1.12E-11	2.69E-22	5.80E-16	5.26E-16
8.76E+02	2.57E-12	1.15E-11	2.75E-22	5.95E-16	5.39E-16
8.77E+02	2.64E-12	1.18E-11	2.82E-22	6.10E-16	5.53E-16
8.78E+02	2.71E-12	1.21E-11	2.89E-22	6.25E-16	5.67E-16
8.79E+02	2.78E-12	1.24E-11	2.97E-22	6.41E-16	5.81E-16
8.80E+02	2.85E-12	1.27E-11	3.04E-22	6.57E-16	5.96E-16
8.81E+02	2.92E-12	1.30E-11	3.12E-22	6.73E-16	6.11E-16
8.82E+02	3.00E-12	1.33E-11	3.19E-22	6.90E-16	6.26E-16
8.83E+02	3.08E-12	1.36E-11	3.27E-22	7.07E-16	6.42E-16
8.84E+02	3.15E-12	1.40E-11	3.35E-22	7.24E-16	6.57E-16
8.85E+02	3.23E-12	1.43E-11	3.44E-22	7.42E-16	6.74E-16
8.86E+02	3.31E-12	1.47E-11	3.52E-22	7.60E-16	6.90E-16
8.87E+02	3.40E-12	1.50E-11	3.61E-22	7.79E-16	7.07E-16
8.88E+02	3.48E-12	1.54E-11	3.70E-22	7.97E-16	7.24E-16
8.89E+02	3.57E-12	1.58E-11	3.79E-22	8.17E-16	7.42E-16
8.90E+02	3.66E-12	1.61E-11	3.88E-22	8.36E-16	7.60E-16
8.91E+02	3.75E-12	1.65E-11	3.97E-22	8.57E-16	7.79E-16
8.92E+02	3.84E-12	1.69E-11	4.07E-22	8.77E-16	7.97E-16
8.93E+02	3.94E-12	1.73E-11	4.17E-22	8.98E-16	8.17E-16
8.94E+02	4.03E-12	1.77E-11	4.27E-22	9.19E-16	8.36E-16
8.95E+02	4.13E-12	1.81E-11	4.37E-22	9.41E-16	8.56E-16
8.96E+02	4.23E-12	1.86E-11	4.47E-22	9.63E-16	8.76E-16
8.97E+02	4.34E-12	1.90E-11	4.58E-22	9.87E-16	8.97E-16
8.98E+02	4.44E-12	1.94E-11	4.69E-22	1.01E-15	9.19E-16
8.99E+02	4.55E-12	1.99E-11	4.80E-22	1.03E-15	9.41E-16
9.00E+02	4.66E-12	2.04E-11	4.91E-22	1.06E-15	9.62E-16
9.01E+02	4.77E-12	2.08E-11	5.03E-22	1.08E-15	9.85E-16
9.02E+02	4.88E-12	2.13E-11	5.15E-22	1.11E-15	1.01E-15
9.03E+02	5.00E-12	2.18E-11	5.27E-22	1.13E-15	1.03E-15
9.04E+02	5.12E-12	2.23E-11	5.39E-22	1.16E-15	1.06E-15
9.05E+02	5.24E-12	2.28E-11	5.52E-22	1.19E-15	1.08E-15

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.06E+02	5.37E-12	2.33E-11	5.64E-22	1.21E-15	1.11E-15
9.07E+02	5.50E-12	2.39E-11	5.78E-22	1.24E-15	1.13E-15
9.08E+02	5.62E-12	2.44E-11	5.91E-22	1.27E-15	1.16E-15
9.09E+02	5.76E-12	2.50E-11	6.05E-22	1.30E-15	1.18E-15
9.10E+02	5.89E-12	2.55E-11	6.18E-22	1.33E-15	1.21E-15
9.11E+02	6.03E-12	2.61E-11	6.33E-22	1.36E-15	1.24E-15
9.12E+02	6.17E-12	2.67E-11	6.47E-22	1.39E-15	1.27E-15
9.13E+02	6.31E-12	2.73E-11	6.62E-22	1.42E-15	1.30E-15
9.14E+02	6.46E-12	2.79E-11	6.77E-22	1.45E-15	1.32E-15
9.15E+02	6.61E-12	2.85E-11	6.92E-22	1.48E-15	1.35E-15
9.16E+02	6.76E-12	2.91E-11	7.08E-22	1.52E-15	1.38E-15
9.17E+02	6.92E-12	2.98E-11	7.24E-22	1.55E-15	1.42E-15
9.18E+02	7.07E-12	3.04E-11	7.40E-22	1.59E-15	1.45E-15
9.19E+02	7.24E-12	3.11E-11	7.57E-22	1.62E-15	1.48E-15
9.20E+02	7.40E-12	3.18E-11	7.73E-22	1.66E-15	1.51E-15
9.21E+02	7.57E-12	3.25E-11	7.91E-22	1.69E-15	1.55E-15
9.22E+02	7.74E-12	3.32E-11	8.08E-22	1.73E-15	1.58E-15
9.23E+02	7.91E-12	3.39E-11	8.26E-22	1.77E-15	1.62E-15
9.24E+02	8.09E-12	3.47E-11	8.44E-22	1.81E-15	1.65E-15
9.25E+02	8.27E-12	3.54E-11	8.63E-22	1.85E-15	1.69E-15
9.26E+02	8.46E-12	3.62E-11	8.82E-22	1.89E-15	1.72E-15
9.27E+02	8.65E-12	3.70E-11	9.02E-22	1.93E-15	1.76E-15
9.28E+02	8.84E-12	3.77E-11	9.21E-22	1.97E-15	1.80E-15
9.29E+02	9.04E-12	3.86E-11	9.41E-22	2.01E-15	1.84E-15
9.30E+02	9.23E-12	3.94E-11	9.62E-22	2.06E-15	1.88E-15
9.31E+02	9.44E-12	4.02E-11	9.83E-22	2.10E-15	1.92E-15
9.32E+02	9.65E-12	4.11E-11	1.00E-21	2.14E-15	1.96E-15
9.33E+02	9.86E-12	4.19E-11	1.03E-21	2.19E-15	2.00E-15
9.34E+02	1.01E-11	4.28E-11	1.05E-21	2.24E-15	2.05E-15
9.35E+02	1.03E-11	4.37E-11	1.07E-21	2.28E-15	2.09E-15
9.36E+02	1.05E-11	4.46E-11	1.09E-21	2.33E-15	2.13E-15
9.37E+02	1.07E-11	4.56E-11	1.12E-21	2.38E-15	2.18E-15
9.38E+02	1.10E-11	4.65E-11	1.14E-21	2.43E-15	2.23E-15
9.39E+02	1.12E-11	4.75E-11	1.16E-21	2.48E-15	2.27E-15
9.40E+02	1.15E-11	4.85E-11	1.19E-21	2.53E-15	2.32E-15
9.41E+02	1.17E-11	4.95E-11	1.21E-21	2.59E-15	2.37E-15
9.42E+02	1.20E-11	5.05E-11	1.24E-21	2.64E-15	2.42E-15

Table 2. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.43E+02	1.22E-11	5.15E-11	1.26E-21	2.70E-15	2.47E-15
9.44E+02	1.25E-11	5.26E-11	1.29E-21	2.75E-15	2.52E-15
9.45E+02	1.27E-11	5.37E-11	1.32E-21	2.81E-15	2.57E-15
9.46E+02	1.30E-11	5.47E-11	1.35E-21	2.86E-15	2.62E-15
9.47E+02	1.33E-11	5.59E-11	1.37E-21	2.92E-15	2.68E-15
9.48E+02	1.36E-11	5.70E-11	1.40E-21	2.98E-15	2.73E-15
9.49E+02	1.38E-11	5.81E-11	1.43E-21	3.04E-15	2.79E-15
9.50E+02	1.41E-11	5.93E-11	1.46E-21	3.11E-15	2.85E-15
9.51E+02	1.44E-11	6.05E-11	1.49E-21	3.17E-15	2.91E-15
9.52E+02	1.47E-11	6.17E-11	1.52E-21	3.23E-15	2.96E-15
9.53E+02	1.50E-11	6.30E-11	1.55E-21	3.30E-15	3.03E-15
9.54E+02	1.53E-11	6.42E-11	1.58E-21	3.36E-15	3.09E-15
9.55E+02	1.57E-11	6.55E-11	1.62E-21	3.43E-15	3.15E-15
9.56E+02	1.60E-11	6.68E-11	1.65E-21	3.50E-15	3.21E-15
9.57E+02	1.63E-11	6.81E-11	1.68E-21	3.57E-15	3.28E-15
9.58E+02	1.66E-11	6.95E-11	1.72E-21	3.64E-15	3.34E-15
9.59E+02	1.70E-11	7.08E-11	1.75E-21	3.71E-15	3.41E-15
9.60E+02	1.73E-11	7.22E-11	1.79E-21	3.79E-15	3.48E-15
9.61E+02	1.77E-11	7.37E-11	1.82E-21	3.86E-15	3.55E-15
9.62E+02	1.80E-11	7.51E-11	1.86E-21	3.94E-15	3.62E-15
9.63E+02	1.84E-11	7.66E-11	1.90E-21	4.02E-15	3.69E-15
9.64E+02	1.88E-11	7.80E-11	1.93E-21	4.09E-15	3.76E-15
9.65E+02	1.92E-11	7.96E-11	1.97E-21	4.17E-15	3.83E-15
9.66E+02	1.95E-11	8.11E-11	2.01E-21	4.25E-15	3.91E-15
9.67E+02	1.99E-11	8.27E-11	2.05E-21	4.34E-15	3.99E-15
9.68E+02	2.03E-11	8.42E-11	2.09E-21	4.42E-15	4.06E-15
9.69E+02	2.07E-11	8.59E-11	2.13E-21	4.51E-15	4.14E-15
9.70E+02	2.11E-11	8.75E-11	2.17E-21	4.59E-15	4.22E-15
9.71E+02	2.16E-11	8.92E-11	2.21E-21	4.68E-15	4.30E-15
9.72E+02	2.20E-11	9.08E-11	2.26E-21	4.77E-15	4.39E-15
9.73E+02	2.24E-11	9.26E-11	2.30E-21	4.86E-15	4.47E-15
9.74E+02	2.28E-11	9.43E-11	2.35E-21	4.95E-15	4.56E-15
9.75E+02	2.33E-11	9.61E-11	2.39E-21	5.05E-15	4.64E-15
9.76E+02	2.38E-11	9.79E-11	2.44E-21	5.14E-15	4.73E-15
9.77E+02	2.42E-11	9.98E-11	2.48E-21	5.24E-15	4.82E-15
9.78E+02	2.47E-11	1.02E-10	2.53E-21	5.34E-15	4.91E-15
9.79E+02	2.52E-11	1.04E-10	2.58E-21	5.44E-15	5.01E-15

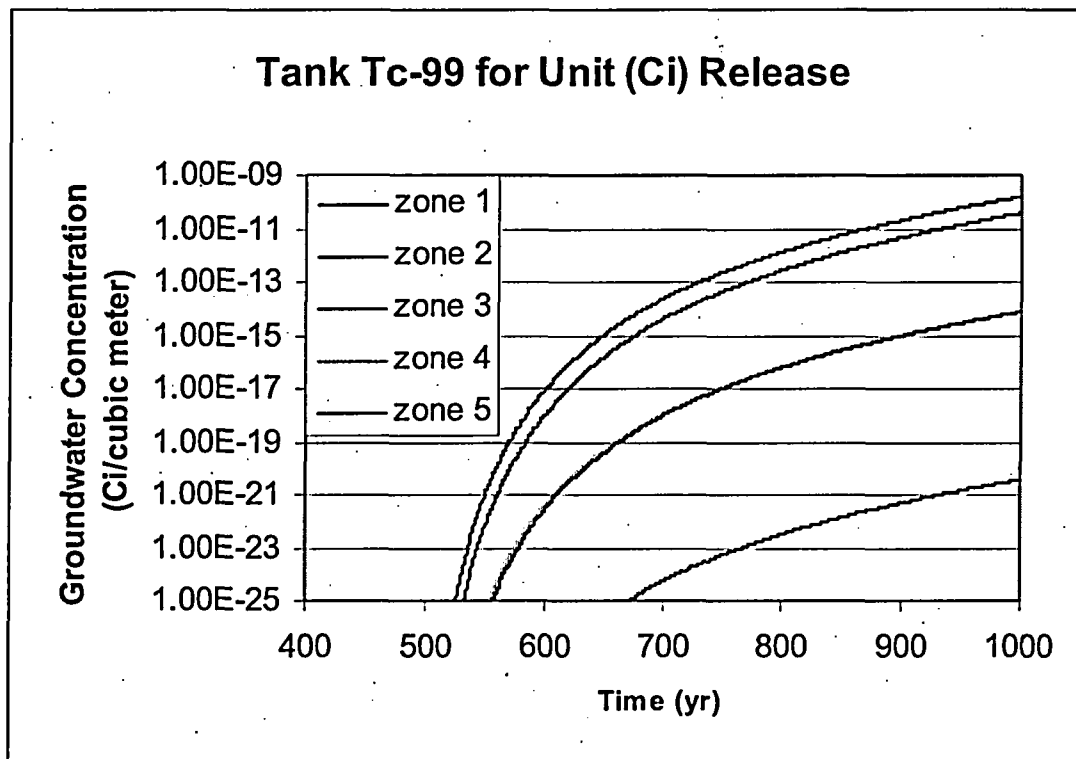


Figure 3.  $^{99}\text{Tc}$  groundwater concentrations at selected locations for a unit Ci release from a tank.

Table 3. Groundwater concentrations for  $^{90}\text{Sr}$  unit Ci release from a tank.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.01E+02	4.55E-42	6.76E-38	1.46E-68	1.00E-99	1.00E-99
5.02E+02	1.85E-40	1.24E-36	3.19E-61	1.00E-99	1.00E-99
5.03E+02	1.80E-39	1.09E-35	1.63E-57	1.05E-99	1.00E-99
5.04E+02	1.31E-38	6.52E-35	4.55E-55	2.98E-95	1.00E-99
5.05E+02	8.17E-38	3.83E-34	2.56E-53	8.01E-91	1.00E-99
5.06E+02	4.24E-37	1.89E-33	5.53E-52	3.22E-87	1.00E-99
5.07E+02	2.01E-36	8.10E-33	6.91E-51	3.48E-84	1.00E-99
5.08E+02	8.75E-36	3.40E-32	6.18E-50	1.44E-81	1.00E-99
5.09E+02	3.45E-35	1.27E-31	4.44E-49	2.81E-79	1.00E-99
5.10E+02	1.28E-34	4.41E-31	2.72E-48	3.05E-77	1.00E-99
5.11E+02	4.46E-34	1.49E-30	1.48E-47	2.04E-75	1.00E-99
5.12E+02	1.45E-33	4.64E-30	7.24E-47	9.24E-74	1.00E-99
5.13E+02	4.54E-33	1.37E-29	3.26E-46	3.01E-72	1.00E-99
5.14E+02	1.35E-32	3.95E-29	1.36E-45	7.44E-71	1.00E-99
5.15E+02	3.81E-32	1.07E-28	5.28E-45	1.45E-69	1.00E-99
5.16E+02	1.04E-31	2.80E-28	1.93E-44	2.32E-68	1.00E-99
5.17E+02	2.74E-31	7.16E-28	6.70E-44	3.12E-67	1.00E-99
5.18E+02	6.93E-31	1.74E-27	2.20E-43	3.61E-66	1.00E-99
5.19E+02	1.70E-30	4.13E-27	6.92E-43	3.66E-65	1.00E-99
5.20E+02	4.05E-30	9.54E-27	2.08E-42	3.29E-64	1.35E-99
5.21E+02	9.49E-30	2.15E-26	6.10E-42	2.85E-63	2.45E-98
5.22E+02	2.17E-29	4.75E-26	1.72E-41	2.26E-62	1.18E-96
5.23E+02	4.72E-29	1.00E-25	4.56E-41	1.56E-61	4.27E-95
5.24E+02	1.02E-28	2.10E-25	1.20E-40	1.04E-60	1.40E-93
5.25E+02	2.11E-28	4.22E-25	2.99E-40	6.13E-60	3.50E-92
5.26E+02	4.36E-28	8.49E-25	7.43E-40	3.55E-59	8.12E-91
5.27E+02	8.66E-28	1.63E-24	1.75E-39	1.85E-58	1.50E-89
5.28E+02	1.72E-27	3.15E-24	4.10E-39	9.49E-58	2.64E-88
5.29E+02	3.28E-27	5.86E-24	9.14E-39	4.44E-57	3.80E-87
5.30E+02	6.25E-27	1.09E-23	2.04E-38	2.06E-56	5.28E-86
5.31E+02	1.15E-26	1.96E-23	4.34E-38	8.78E-56	6.17E-85
5.32E+02	2.12E-26	3.52E-23	9.22E-38	3.73E-55	7.03E-84
5.33E+02	3.79E-26	6.12E-23	1.88E-37	1.47E-54	6.89E-83
5.34E+02	6.78E-26	1.07E-22	3.84E-37	5.76E-54	6.63E-82
5.35E+02	1.18E-25	1.81E-22	7.55E-37	2.10E-53	5.58E-81

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.36E+02	2.04E-25	3.06E-22	1.48E-36	7.70E-53	4.64E-80
5.37E+02	3.45E-25	5.06E-22	2.81E-36	2.64E-52	3.42E-79
5.38E+02	5.83E-25	8.34E-22	5.35E-36	9.06E-52	2.51E-78
5.39E+02	9.59E-25	1.34E-21	9.82E-36	2.93E-51	1.65E-77
5.40E+02	1.58E-24	2.16E-21	1.81E-35	9.49E-51	1.08E-76
5.41E+02	2.54E-24	3.40E-21	3.22E-35	2.90E-50	6.40E-76
5.42E+02	4.09E-24	5.35E-21	5.76E-35	8.92E-50	3.80E-75
5.43E+02	6.43E-24	8.23E-21	9.99E-35	2.60E-49	2.05E-74
5.44E+02	1.01E-23	1.27E-20	1.74E-34	7.60E-49	1.12E-73
5.45E+02	1.56E-23	1.91E-20	2.94E-34	2.11E-48	5.56E-73
5.46E+02	2.41E-23	2.89E-20	4.98E-34	5.92E-48	2.79E-72
5.47E+02	3.64E-23	4.28E-20	8.23E-34	1.58E-47	1.29E-71
5.48E+02	5.51E-23	6.34E-20	1.36E-33	4.23E-47	6.02E-71
5.49E+02	8.18E-23	9.22E-20	2.20E-33	1.08E-46	2.60E-70
5.50E+02	1.22E-22	1.34E-19	3.56E-33	2.80E-46	1.14E-69
5.51E+02	1.78E-22	1.92E-19	5.63E-33	6.91E-46	4.62E-69
5.52E+02	2.60E-22	2.75E-19	8.93E-33	1.72E-45	1.90E-68
5.53E+02	3.73E-22	3.88E-19	1.38E-32	4.10E-45	7.30E-68
5.54E+02	5.37E-22	5.47E-19	2.15E-32	9.84E-45	2.83E-67
5.55E+02	7.59E-22	7.59E-19	3.27E-32	2.27E-44	1.03E-66
5.56E+02	1.08E-21	1.05E-18	4.99E-32	5.29E-44	3.81E-66
5.57E+02	1.50E-21	1.44E-18	7.46E-32	1.19E-43	1.32E-65
5.58E+02	2.10E-21	1.98E-18	1.12E-31	2.68E-43	4.64E-65
5.59E+02	2.89E-21	2.67E-18	1.64E-31	5.83E-43	1.54E-64
5.60E+02	3.98E-21	3.62E-18	2.42E-31	1.28E-42	5.16E-64
5.61E+02	5.41E-21	4.83E-18	3.51E-31	2.71E-42	1.64E-63
5.62E+02	7.37E-21	6.45E-18	5.09E-31	5.79E-42	5.27E-63
5.63E+02	9.89E-21	8.50E-18	7.26E-31	1.20E-41	1.61E-62
5.64E+02	1.33E-20	1.12E-17	1.04E-30	2.49E-41	4.97E-62
5.65E+02	1.76E-20	1.46E-17	1.46E-30	5.02E-41	1.46E-61
5.66E+02	2.35E-20	1.91E-17	2.06E-30	1.02E-40	4.34E-61
5.67E+02	3.08E-20	2.46E-17	2.86E-30	2.01E-40	1.23E-60
5.68E+02	4.05E-20	3.18E-17	3.97E-30	4.00E-40	3.53E-60
5.69E+02	5.26E-20	4.06E-17	5.44E-30	7.72E-40	9.69E-60
5.70E+02	6.84E-20	5.19E-17	7.48E-30	1.50E-39	2.69E-59
5.71E+02	8.80E-20	6.56E-17	1.01E-29	2.84E-39	7.14E-59
5.72E+02	1.13E-19	8.30E-17	1.37E-29	5.41E-39	1.92E-58



Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.73E+02	1.44E-19	1.04E-16	1.84E-29	1.00E-38	4.95E-58
5.74E+02	1.84E-19	1.30E-16	2.46E-29	1.87E-38	1.29E-57
5.75E+02	2.33E-19	1.62E-16	3.26E-29	3.41E-38	3.23E-57
5.76E+02	2.94E-19	2.01E-16	4.32E-29	6.25E-38	8.18E-57
5.77E+02	3.68E-19	2.48E-16	5.66E-29	1.12E-37	1.99E-56
5.78E+02	4.62E-19	3.05E-16	7.43E-29	2.01E-37	4.91E-56
5.79E+02	5.73E-19	3.73E-16	9.63E-29	3.54E-37	1.16E-55
5.80E+02	7.12E-19	4.56E-16	1.25E-28	6.26E-37	2.80E-55
5.81E+02	8.77E-19	5.53E-16	1.61E-28	1.08E-36	6.47E-55
5.82E+02	1.08E-18	6.71E-16	2.07E-28	1.88E-36	1.52E-54
5.83E+02	1.32E-18	8.07E-16	2.63E-28	3.21E-36	3.43E-54
5.84E+02	1.62E-18	9.72E-16	3.35E-28	5.50E-36	7.83E-54
5.85E+02	1.97E-18	1.16E-15	4.23E-28	9.22E-36	1.73E-53
5.86E+02	2.39E-18	1.39E-15	5.34E-28	1.56E-35	3.87E-53
5.87E+02	2.88E-18	1.65E-15	6.68E-28	2.57E-35	8.37E-53
5.88E+02	3.48E-18	1.96E-15	8.37E-28	4.28E-35	1.83E-52
5.89E+02	4.16E-18	2.31E-15	1.04E-27	6.98E-35	3.88E-52
5.90E+02	4.99E-18	2.72E-15	1.29E-27	1.14E-34	8.30E-52
5.91E+02	5.94E-18	3.19E-15	1.59E-27	1.84E-34	1.72E-51
5.92E+02	7.07E-18	3.74E-15	1.96E-27	2.98E-34	3.62E-51
5.93E+02	8.36E-18	4.36E-15	2.39E-27	4.73E-34	7.37E-51
5.94E+02	9.90E-18	5.08E-15	2.93E-27	7.57E-34	1.52E-50
5.95E+02	1.16E-17	5.88E-15	3.55E-27	1.19E-33	3.04E-50
5.96E+02	1.37E-17	6.82E-15	4.32E-27	1.87E-33	6.14E-50
5.97E+02	1.60E-17	7.85E-15	5.21E-27	2.90E-33	1.21E-49
5.98E+02	1.87E-17	9.05E-15	6.28E-27	4.52E-33	2.40E-49
5.99E+02	2.18E-17	1.04E-14	7.52E-27	6.93E-33	4.64E-49
6.00E+02	2.53E-17	1.19E-14	8.98E-27	1.06E-32	8.92E-49
6.01E+02	2.94E-17	1.36E-14	1.07E-26	1.62E-32	1.73E-48
6.02E+02	3.39E-17	1.54E-14	1.27E-26	2.44E-32	3.26E-48
6.03E+02	3.91E-17	1.75E-14	1.51E-26	3.70E-32	6.22E-48
6.04E+02	4.49E-17	1.98E-14	1.78E-26	5.52E-32	1.16E-47
6.05E+02	5.16E-17	2.25E-14	2.10E-26	8.28E-32	2.17E-47
6.06E+02	5.90E-17	2.53E-14	2.47E-26	1.22E-31	3.97E-47
6.07E+02	6.75E-17	2.85E-14	2.89E-26	1.81E-31	7.35E-47
6.08E+02	7.67E-17	3.20E-14	3.37E-26	2.65E-31	1.33E-46
6.09E+02	8.74E-17	3.59E-14	3.94E-26	3.90E-31	2.42E-46

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.10E+02	9.89E-17	4.01E-14	4.57E-26	5.64E-31	4.31E-46
6.11E+02	1.12E-16	4.48E-14	5.30E-26	8.21E-31	7.74E-46
6.12E+02	1.26E-16	4.98E-14	6.11E-26	1.18E-30	1.36E-45
6.13E+02	1.43E-16	5.54E-14	7.06E-26	1.70E-30	2.41E-45
6.14E+02	1.60E-16	6.13E-14	8.10E-26	2.41E-30	4.18E-45
6.15E+02	1.80E-16	6.79E-14	9.31E-26	3.45E-30	7.32E-45
6.16E+02	2.01E-16	7.49E-14	1.06E-25	4.86E-30	1.25E-44
6.17E+02	2.26E-16	8.27E-14	1.22E-25	6.89E-30	2.17E-44
6.18E+02	2.51E-16	9.09E-14	1.38E-25	9.62E-30	3.67E-44
6.19E+02	2.80E-16	1.00E-13	1.57E-25	1.35E-29	6.27E-44
6.20E+02	3.11E-16	1.10E-13	1.78E-25	1.87E-29	1.05E-43
6.21E+02	3.46E-16	1.20E-13	2.02E-25	2.61E-29	1.77E-43
6.22E+02	3.82E-16	1.31E-13	2.27E-25	3.59E-29	2.93E-43
6.23E+02	4.23E-16	1.43E-13	2.57E-25	4.96E-29	4.89E-43
6.24E+02	4.67E-16	1.56E-13	2.88E-25	6.76E-29	8.00E-43
6.25E+02	5.15E-16	1.69E-13	3.23E-25	9.27E-29	1.32E-42
6.26E+02	5.66E-16	1.84E-13	3.61E-25	1.26E-28	2.14E-42
6.27E+02	6.23E-16	1.99E-13	4.04E-25	1.71E-28	3.49E-42
6.28E+02	6.82E-16	2.15E-13	4.50E-25	2.30E-28	5.59E-42
6.29E+02	7.48E-16	2.33E-13	5.02E-25	3.10E-28	9.03E-42
6.30E+02	8.16E-16	2.51E-13	5.56E-25	4.14E-28	1.43E-41
6.31E+02	8.92E-16	2.71E-13	6.18E-25	5.56E-28	2.29E-41
6.32E+02	9.71E-16	2.91E-13	6.83E-25	7.37E-28	3.60E-41
6.33E+02	1.06E-15	3.13E-13	7.55E-25	9.82E-28	5.70E-41
6.34E+02	1.15E-15	3.36E-13	8.32E-25	1.29E-27	8.87E-41
6.35E+02	1.25E-15	3.60E-13	9.17E-25	1.71E-27	1.39E-40
6.36E+02	1.35E-15	3.85E-13	1.01E-24	2.24E-27	2.14E-40
6.37E+02	1.46E-15	4.11E-13	1.11E-24	2.94E-27	3.33E-40
6.38E+02	1.58E-15	4.38E-13	1.21E-24	3.83E-27	5.09E-40
6.39E+02	1.71E-15	4.68E-13	1.32E-24	5.00E-27	7.84E-40
6.40E+02	1.84E-15	4.97E-13	1.44E-24	6.46E-27	1.19E-39
6.41E+02	1.98E-15	5.29E-13	1.58E-24	8.38E-27	1.81E-39
6.42E+02	2.13E-15	5.61E-13	1.71E-24	1.08E-26	2.72E-39
6.43E+02	2.29E-15	5.95E-13	1.86E-24	1.39E-26	4.12E-39
6.44E+02	2.45E-15	6.30E-13	2.02E-24	1.77E-26	6.14E-39
6.45E+02	2.63E-15	6.67E-13	2.19E-24	2.28E-26	9.22E-39
6.46E+02	2.81E-15	7.04E-13	2.37E-24	2.89E-26	1.36E-38

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.47E+02	3.01E-15	7.44E-13	2.56E-24	3.69E-26	2.03E-38
6.48E+02	3.21E-15	7.84E-13	2.76E-24	4.66E-26	2.97E-38
6.49E+02	3.42E-15	8.26E-13	2.98E-24	5.90E-26	4.39E-38
6.50E+02	3.64E-15	8.68E-13	3.20E-24	7.42E-26	6.39E-38
6.51E+02	3.88E-15	9.13E-13	3.44E-24	9.35E-26	9.37E-38
6.52E+02	4.12E-15	9.58E-13	3.69E-24	1.17E-25	1.35E-37
6.53E+02	4.37E-15	1.00E-12	3.96E-24	1.47E-25	1.97E-37
6.54E+02	4.63E-15	1.05E-12	4.23E-24	1.82E-25	2.83E-37
6.55E+02	4.91E-15	1.10E-12	4.53E-24	2.27E-25	4.08E-37
6.56E+02	5.20E-15	1.15E-12	4.83E-24	2.81E-25	5.81E-37
6.57E+02	5.50E-15	1.20E-12	5.16E-24	3.49E-25	8.33E-37
6.58E+02	5.80E-15	1.26E-12	5.49E-24	4.30E-25	1.18E-36
6.59E+02	6.13E-15	1.31E-12	5.84E-24	5.31E-25	1.68E-36
6.60E+02	6.46E-15	1.36E-12	6.20E-24	6.51E-25	2.36E-36
6.61E+02	6.80E-15	1.42E-12	6.59E-24	8.01E-25	3.33E-36
6.62E+02	7.15E-15	1.48E-12	6.98E-24	9.77E-25	4.66E-36
6.63E+02	7.53E-15	1.53E-12	7.39E-24	1.20E-24	6.54E-36
6.64E+02	7.90E-15	1.59E-12	7.81E-24	1.45E-24	9.07E-36
6.65E+02	8.29E-15	1.65E-12	8.26E-24	1.77E-24	1.27E-35
6.66E+02	8.69E-15	1.71E-12	8.72E-24	2.14E-24	1.75E-35
6.67E+02	9.11E-15	1.77E-12	9.20E-24	2.59E-24	2.42E-35
6.68E+02	9.53E-15	1.83E-12	9.68E-24	3.12E-24	3.32E-35
6.69E+02	9.97E-15	1.89E-12	1.02E-23	3.77E-24	4.57E-35
6.70E+02	1.04E-14	1.96E-12	1.07E-23	4.51E-24	6.23E-35
6.71E+02	1.09E-14	2.02E-12	1.12E-23	5.43E-24	8.54E-35
6.72E+02	1.13E-14	2.08E-12	1.18E-23	6.48E-24	1.16E-34
6.73E+02	1.18E-14	2.15E-12	1.24E-23	7.76E-24	1.57E-34
6.74E+02	1.23E-14	2.21E-12	1.29E-23	9.22E-24	2.12E-34
6.75E+02	1.28E-14	2.27E-12	1.35E-23	1.10E-23	2.87E-34
6.76E+02	1.33E-14	2.34E-12	1.42E-23	1.30E-23	3.85E-34
6.77E+02	1.39E-14	2.40E-12	1.48E-23	1.55E-23	5.18E-34
6.78E+02	1.44E-14	2.47E-12	1.54E-23	1.82E-23	6.90E-34
6.79E+02	1.49E-14	2.53E-12	1.61E-23	2.16E-23	9.24E-34
6.80E+02	1.55E-14	2.60E-12	1.67E-23	2.54E-23	1.23E-33
6.81E+02	1.61E-14	2.66E-12	1.74E-23	2.99E-23	1.63E-33
6.82E+02	1.66E-14	2.72E-12	1.81E-23	3.50E-23	2.15E-33
6.83E+02	1.72E-14	2.79E-12	1.88E-23	4.11E-23	2.85E-33

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.84E+02	1.78E-14	2.85E-12	1.95E-23	4.79E-23	3.74E-33
6.85E+02	1.84E-14	2.92E-12	2.03E-23	5.61E-23	4.93E-33
6.86E+02	1.90E-14	2.98E-12	2.10E-23	6.52E-23	6.43E-33
6.87E+02	1.96E-14	3.04E-12	2.17E-23	7.60E-23	8.44E-33
6.88E+02	2.02E-14	3.10E-12	2.25E-23	8.81E-23	1.10E-32
6.89E+02	2.09E-14	3.17E-12	2.33E-23	1.02E-22	1.43E-32
6.90E+02	2.15E-14	3.22E-12	2.40E-23	1.18E-22	1.85E-32
6.91E+02	2.21E-14	3.29E-12	2.48E-23	1.37E-22	2.40E-32
6.92E+02	2.28E-14	3.34E-12	2.56E-23	1.57E-22	3.09E-32
6.93E+02	2.34E-14	3.40E-12	2.64E-23	1.82E-22	4.00E-32
6.94E+02	2.41E-14	3.46E-12	2.72E-23	2.08E-22	5.12E-32
6.95E+02	2.47E-14	3.52E-12	2.80E-23	2.40E-22	6.59E-32
6.96E+02	2.54E-14	3.57E-12	2.88E-23	2.74E-22	8.41E-32
6.97E+02	2.60E-14	3.63E-12	2.96E-23	3.14E-22	1.08E-31
6.98E+02	2.67E-14	3.68E-12	3.04E-23	3.58E-22	1.37E-31
6.99E+02	2.74E-14	3.73E-12	3.12E-23	4.09E-22	1.74E-31
7.00E+02	2.80E-14	3.78E-12	3.20E-23	4.65E-22	2.21E-31
7.01E+02	2.87E-14	3.83E-12	3.28E-23	5.30E-22	2.80E-31
7.02E+02	2.94E-14	3.88E-12	3.36E-23	6.01E-22	3.53E-31
7.03E+02	3.00E-14	3.93E-12	3.45E-23	6.82E-22	4.46E-31
7.04E+02	3.07E-14	3.98E-12	3.53E-23	7.71E-22	5.60E-31
7.05E+02	3.14E-14	4.02E-12	3.61E-23	8.73E-22	7.05E-31
7.06E+02	3.20E-14	4.06E-12	3.69E-23	9.84E-22	8.80E-31
7.07E+02	3.27E-14	4.11E-12	3.77E-23	1.11E-21	1.10E-30
7.08E+02	3.34E-14	4.15E-12	3.84E-23	1.25E-21	1.37E-30
7.09E+02	3.40E-14	4.19E-12	3.92E-23	1.41E-21	1.72E-30
7.10E+02	3.47E-14	4.22E-12	4.00E-23	1.58E-21	2.13E-30
7.11E+02	3.54E-14	4.26E-12	4.08E-23	1.77E-21	2.65E-30
7.12E+02	3.60E-14	4.29E-12	4.15E-23	1.98E-21	3.27E-30
7.13E+02	3.67E-14	4.33E-12	4.23E-23	2.21E-21	4.05E-30
7.14E+02	3.73E-14	4.36E-12	4.30E-23	2.47E-21	4.99E-30
7.15E+02	3.79E-14	4.39E-12	4.38E-23	2.76E-21	6.16E-30
7.16E+02	3.86E-14	4.42E-12	4.45E-23	3.07E-21	7.55E-30
7.17E+02	3.92E-14	4.45E-12	4.52E-23	3.42E-21	9.29E-30
7.18E+02	3.98E-14	4.47E-12	4.59E-23	3.79E-21	1.13E-29
7.19E+02	4.04E-14	4.50E-12	4.66E-23	4.21E-21	1.39E-29
7.20E+02	4.10E-14	4.52E-12	4.73E-23	4.66E-21	1.69E-29

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.21E+02	4.16E-14	4.54E-12	4.80E-23	5.16E-21	2.07E-29
7.22E+02	4.22E-14	4.56E-12	4.86E-23	5.70E-21	2.51E-29
7.23E+02	4.28E-14	4.58E-12	4.92E-23	6.30E-21	3.05E-29
7.24E+02	4.33E-14	4.59E-12	4.99E-23	6.94E-21	3.69E-29
7.25E+02	4.39E-14	4.61E-12	5.05E-23	7.65E-21	4.48E-29
7.26E+02	4.44E-14	4.62E-12	5.10E-23	8.41E-21	5.40E-29
7.27E+02	4.50E-14	4.63E-12	5.16E-23	9.25E-21	6.53E-29
7.28E+02	4.55E-14	4.64E-12	5.22E-23	1.01E-20	7.84E-29
7.29E+02	4.61E-14	4.65E-12	5.27E-23	1.11E-20	9.45E-29
7.30E+02	4.66E-14	4.66E-12	5.32E-23	1.22E-20	1.13E-28
7.31E+02	4.71E-14	4.67E-12	5.38E-23	1.33E-20	1.36E-28
7.32E+02	4.75E-14	4.67E-12	5.42E-23	1.46E-20	1.62E-28
7.33E+02	4.80E-14	4.67E-12	5.47E-23	1.59E-20	1.94E-28
7.34E+02	4.85E-14	4.67E-12	5.52E-23	1.73E-20	2.31E-28
7.35E+02	4.89E-14	4.67E-12	5.56E-23	1.89E-20	2.76E-28
7.36E+02	4.94E-14	4.67E-12	5.60E-23	2.06E-20	3.28E-28
7.37E+02	4.98E-14	4.67E-12	5.64E-23	2.24E-20	3.90E-28
7.38E+02	5.02E-14	4.67E-12	5.68E-23	2.43E-20	4.61E-28
7.39E+02	5.06E-14	4.66E-12	5.71E-23	2.64E-20	5.48E-28
7.40E+02	5.10E-14	4.65E-12	5.75E-23	2.85E-20	6.46E-28
7.41E+02	5.14E-14	4.65E-12	5.78E-23	3.09E-20	7.64E-28
7.42E+02	5.18E-14	4.64E-12	5.81E-23	3.34E-20	8.99E-28
7.43E+02	5.21E-14	4.63E-12	5.84E-23	3.61E-20	1.06E-27
7.44E+02	5.25E-14	4.61E-12	5.86E-23	3.90E-20	1.24E-27
7.45E+02	5.28E-14	4.60E-12	5.89E-23	4.20E-20	1.46E-27
7.46E+02	5.31E-14	4.59E-12	5.91E-23	4.53E-20	1.71E-27
7.47E+02	5.34E-14	4.57E-12	5.93E-23	4.88E-20	2.01E-27
7.48E+02	5.37E-14	4.56E-12	5.95E-23	5.24E-20	2.34E-27
7.49E+02	5.39E-14	4.54E-12	5.96E-23	5.63E-20	2.74E-27
7.50E+02	5.42E-14	4.52E-12	5.98E-23	6.04E-20	3.19E-27
7.51E+02	5.44E-14	4.50E-12	5.99E-23	6.48E-20	3.72E-27
7.52E+02	5.47E-14	4.48E-12	6.00E-23	6.94E-20	4.32E-27
7.53E+02	5.49E-14	4.46E-12	6.01E-23	7.43E-20	5.03E-27
7.54E+02	5.51E-14	4.44E-12	6.02E-23	7.94E-20	5.82E-27
7.55E+02	5.53E-14	4.41E-12	6.02E-23	8.49E-20	6.76E-27
7.56E+02	5.55E-14	4.39E-12	6.03E-23	9.06E-20	7.80E-27
7.57E+02	5.56E-14	4.36E-12	6.03E-23	9.67E-20	9.04E-27

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.58E+02	5.58E-14	4.34E-12	6.03E-23	1.03E-19	1.04E-26
7.59E+02	5.59E-14	4.31E-12	6.02E-23	1.10E-19	1.20E-26
7.60E+02	5.60E-14	4.28E-12	6.02E-23	1.17E-19	1.38E-26
7.61E+02	5.61E-14	4.26E-12	6.02E-23	1.24E-19	1.59E-26
7.62E+02	5.62E-14	4.23E-12	6.01E-23	1.32E-19	1.82E-26
7.63E+02	5.63E-14	4.20E-12	6.00E-23	1.40E-19	2.10E-26
7.64E+02	5.64E-14	4.17E-12	5.99E-23	1.48E-19	2.40E-26
7.65E+02	5.64E-14	4.14E-12	5.98E-23	1.57E-19	2.75E-26
7.66E+02	5.65E-14	4.11E-12	5.96E-23	1.66E-19	3.14E-26
7.67E+02	5.65E-14	4.07E-12	5.95E-23	1.76E-19	3.59E-26
7.68E+02	5.65E-14	4.04E-12	5.93E-23	1.86E-19	4.09E-26
7.69E+02	5.65E-14	4.01E-12	5.92E-23	1.97E-19	4.67E-26
7.70E+02	5.65E-14	3.98E-12	5.90E-23	2.08E-19	5.30E-26
7.71E+02	5.65E-14	3.94E-12	5.88E-23	2.19E-19	6.04E-26
7.72E+02	5.65E-14	3.91E-12	5.85E-23	2.31E-19	6.84E-26
7.73E+02	5.64E-14	3.87E-12	5.83E-23	2.43E-19	7.77E-26
7.74E+02	5.64E-14	3.84E-12	5.81E-23	2.56E-19	8.79E-26
7.75E+02	5.63E-14	3.80E-12	5.78E-23	2.69E-19	9.97E-26
7.76E+02	5.62E-14	3.77E-12	5.75E-23	2.83E-19	1.13E-25
7.77E+02	5.61E-14	3.73E-12	5.72E-23	2.97E-19	1.27E-25
7.78E+02	5.60E-14	3.70E-12	5.70E-23	3.12E-19	1.43E-25
7.79E+02	5.59E-14	3.66E-12	5.66E-23	3.27E-19	1.62E-25
7.80E+02	5.58E-14	3.62E-12	5.63E-23	3.42E-19	1.82E-25
7.81E+02	5.57E-14	3.59E-12	5.60E-23	3.59E-19	2.05E-25
7.82E+02	5.55E-14	3.55E-12	5.57E-23	3.75E-19	2.30E-25
7.83E+02	5.54E-14	3.51E-12	5.53E-23	3.93E-19	2.59E-25
7.84E+02	5.52E-14	3.48E-12	5.50E-23	4.10E-19	2.90E-25
7.85E+02	5.51E-14	3.44E-12	5.46E-23	4.29E-19	3.25E-25
7.86E+02	5.49E-14	3.40E-12	5.42E-23	4.47E-19	3.63E-25
7.87E+02	5.47E-14	3.36E-12	5.39E-23	4.67E-19	4.07E-25
7.88E+02	5.45E-14	3.33E-12	5.35E-23	4.86E-19	4.53E-25
7.89E+02	5.43E-14	3.29E-12	5.31E-23	5.07E-19	5.07E-25
7.90E+02	5.41E-14	3.25E-12	5.27E-23	5.27E-19	5.64E-25
7.91E+02	5.39E-14	3.21E-12	5.23E-23	5.49E-19	6.29E-25
7.92E+02	5.36E-14	3.17E-12	5.18E-23	5.70E-19	6.99E-25
7.93E+02	5.34E-14	3.14E-12	5.14E-23	5.93E-19	7.79E-25
7.94E+02	5.31E-14	3.10E-12	5.10E-23	6.16E-19	8.64E-25

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.95E+02	5.29E-14	3.06E-12	5.06E-23	6.39E-19	9.60E-25
7.96E+02	5.26E-14	3.02E-12	5.01E-23	6.63E-19	1.06E-24
7.97E+02	5.24E-14	2.99E-12	4.97E-23	6.87E-19	1.18E-24
7.98E+02	5.21E-14	2.95E-12	4.92E-23	7.12E-19	1.30E-24
7.99E+02	5.18E-14	2.91E-12	4.88E-23	7.37E-19	1.44E-24
8.00E+02	5.15E-14	2.87E-12	4.83E-23	7.63E-19	1.59E-24
8.01E+02	5.12E-14	2.84E-12	4.79E-23	7.89E-19	1.76E-24
8.02E+02	5.09E-14	2.80E-12	4.74E-23	8.16E-19	1.94E-24
8.03E+02	5.06E-14	2.76E-12	4.69E-23	8.43E-19	2.14E-24
8.04E+02	5.03E-14	2.73E-12	4.65E-23	8.70E-19	2.35E-24
8.05E+02	5.00E-14	2.69E-12	4.60E-23	8.98E-19	2.59E-24
8.06E+02	4.97E-14	2.65E-12	4.55E-23	9.26E-19	2.85E-24
8.07E+02	4.93E-14	2.62E-12	4.50E-23	9.55E-19	3.13E-24
8.08E+02	4.90E-14	2.58E-12	4.46E-23	9.84E-19	3.43E-24
8.09E+02	4.87E-14	2.54E-12	4.41E-23	1.01E-18	3.77E-24
8.10E+02	4.83E-14	2.51E-12	4.36E-23	1.04E-18	4.12E-24
8.11E+02	4.80E-14	2.47E-12	4.31E-23	1.07E-18	4.52E-24
8.12E+02	4.76E-14	2.44E-12	4.26E-23	1.10E-18	4.94E-24
8.13E+02	4.73E-14	2.40E-12	4.22E-23	1.13E-18	5.40E-24
8.14E+02	4.69E-14	2.37E-12	4.17E-23	1.16E-18	5.89E-24
8.15E+02	4.66E-14	2.33E-12	4.12E-23	1.20E-18	6.44E-24
8.16E+02	4.62E-14	2.30E-12	4.07E-23	1.23E-18	7.01E-24
8.17E+02	4.58E-14	2.27E-12	4.02E-23	1.26E-18	7.65E-24
8.18E+02	4.55E-14	2.23E-12	3.97E-23	1.29E-18	8.32E-24
8.19E+02	4.51E-14	2.20E-12	3.92E-23	1.32E-18	9.06E-24
8.20E+02	4.47E-14	2.17E-12	3.88E-23	1.35E-18	9.84E-24
8.21E+02	4.44E-14	2.13E-12	3.83E-23	1.39E-18	1.07E-23
8.22E+02	4.40E-14	2.10E-12	3.78E-23	1.42E-18	1.16E-23
8.23E+02	4.36E-14	2.07E-12	3.73E-23	1.45E-18	1.26E-23
8.24E+02	4.32E-14	2.04E-12	3.69E-23	1.48E-18	1.37E-23
8.25E+02	4.28E-14	2.01E-12	3.64E-23	1.52E-18	1.48E-23
8.26E+02	4.25E-14	1.98E-12	3.59E-23	1.55E-18	1.60E-23
8.27E+02	4.21E-14	1.94E-12	3.54E-23	1.58E-18	1.73E-23
8.28E+02	4.17E-14	1.91E-12	3.50E-23	1.61E-18	1.87E-23
8.29E+02	4.13E-14	1.88E-12	3.45E-23	1.64E-18	2.02E-23
8.30E+02	4.09E-14	1.85E-12	3.40E-23	1.68E-18	2.18E-23
8.31E+02	4.05E-14	1.82E-12	3.36E-23	1.71E-18	2.36E-23

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.32E+02	4.01E-14	1.80E-12	3.31E-23	1.74E-18	2.54E-23
8.33E+02	3.97E-14	1.77E-12	3.27E-23	1.77E-18	2.74E-23
8.34E+02	3.93E-14	1.74E-12	3.22E-23	1.80E-18	2.94E-23
8.35E+02	3.89E-14	1.71E-12	3.17E-23	1.84E-18	3.17E-23
8.36E+02	3.86E-14	1.68E-12	3.13E-23	1.87E-18	3.41E-23
8.37E+02	3.82E-14	1.65E-12	3.09E-23	1.90E-18	3.66E-23
8.38E+02	3.78E-14	1.63E-12	3.04E-23	1.93E-18	3.93E-23
8.39E+02	3.74E-14	1.60E-12	3.00E-23	1.96E-18	4.22E-23
8.40E+02	3.70E-14	1.57E-12	2.95E-23	1.99E-18	4.52E-23
8.41E+02	3.66E-14	1.55E-12	2.91E-23	2.02E-18	4.85E-23
8.42E+02	3.62E-14	1.52E-12	2.87E-23	2.05E-18	5.19E-23
8.43E+02	3.58E-14	1.49E-12	2.82E-23	2.08E-18	5.56E-23
8.44E+02	3.54E-14	1.47E-12	2.78E-23	2.11E-18	5.94E-23
8.45E+02	3.50E-14	1.44E-12	2.74E-23	2.14E-18	6.36E-23
8.46E+02	3.47E-14	1.42E-12	2.70E-23	2.16E-18	6.79E-23
8.47E+02	3.43E-14	1.40E-12	2.66E-23	2.19E-18	7.25E-23
8.48E+02	3.39E-14	1.37E-12	2.62E-23	2.22E-18	7.73E-23
8.49E+02	3.35E-14	1.35E-12	2.58E-23	2.25E-18	8.25E-23
8.50E+02	3.31E-14	1.32E-12	2.54E-23	2.27E-18	8.79E-23
8.51E+02	3.27E-14	1.30E-12	2.50E-23	2.30E-18	9.37E-23
8.52E+02	3.24E-14	1.28E-12	2.46E-23	2.32E-18	9.96E-23
8.53E+02	3.20E-14	1.26E-12	2.42E-23	2.35E-18	1.06E-22
8.54E+02	3.16E-14	1.23E-12	2.38E-23	2.37E-18	1.13E-22
8.55E+02	3.12E-14	1.21E-12	2.34E-23	2.40E-18	1.20E-22
8.56E+02	3.09E-14	1.19E-12	2.31E-23	2.42E-18	1.27E-22
8.57E+02	3.05E-14	1.17E-12	2.27E-23	2.44E-18	1.35E-22
8.58E+02	3.01E-14	1.15E-12	2.23E-23	2.46E-18	1.43E-22
8.59E+02	2.98E-14	1.13E-12	2.20E-23	2.48E-18	1.52E-22
8.60E+02	2.94E-14	1.11E-12	2.16E-23	2.50E-18	1.61E-22
8.61E+02	2.90E-14	1.09E-12	2.13E-23	2.52E-18	1.71E-22
8.62E+02	2.87E-14	1.07E-12	2.09E-23	2.54E-18	1.80E-22
8.63E+02	2.83E-14	1.05E-12	2.06E-23	2.56E-18	1.91E-22
8.64E+02	2.80E-14	1.03E-12	2.02E-23	2.58E-18	2.02E-22
8.65E+02	2.76E-14	1.01E-12	1.99E-23	2.60E-18	2.14E-22
8.66E+02	2.73E-14	9.92E-13	1.96E-23	2.61E-18	2.25E-22
8.67E+02	2.69E-14	9.74E-13	1.92E-23	2.63E-18	2.38E-22
8.68E+02	2.66E-14	9.56E-13	1.89E-23	2.65E-18	2.51E-22



Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.69E+02	2.62E-14	9.38E-13	1.86E-23	2.66E-18	2.65E-22
8.70E+02	2.59E-14	9.21E-13	1.83E-23	2.67E-18	2.79E-22
8.71E+02	2.55E-14	9.04E-13	1.79E-23	2.69E-18	2.94E-22
8.72E+02	2.52E-14	8.87E-13	1.76E-23	2.70E-18	3.10E-22
8.73E+02	2.49E-14	8.70E-13	1.73E-23	2.71E-18	3.26E-22
8.74E+02	2.45E-14	8.54E-13	1.70E-23	2.72E-18	3.43E-22
8.75E+02	2.42E-14	8.38E-13	1.67E-23	2.73E-18	3.61E-22
8.76E+02	2.39E-14	8.22E-13	1.65E-23	2.74E-18	3.79E-22
8.77E+02	2.36E-14	8.06E-13	1.62E-23	2.75E-18	3.98E-22
8.78E+02	2.32E-14	7.91E-13	1.59E-23	2.76E-18	4.18E-22
8.79E+02	2.29E-14	7.76E-13	1.56E-23	2.77E-18	4.39E-22
8.80E+02	2.26E-14	7.62E-13	1.53E-23	2.78E-18	4.60E-22
8.81E+02	2.23E-14	7.47E-13	1.50E-23	2.78E-18	4.83E-22
8.82E+02	2.20E-14	7.33E-13	1.48E-23	2.79E-18	5.06E-22
8.83E+02	2.17E-14	7.19E-13	1.45E-23	2.79E-18	5.30E-22
8.84E+02	2.14E-14	7.05E-13	1.43E-23	2.80E-18	5.54E-22
8.85E+02	2.11E-14	6.91E-13	1.40E-23	2.80E-18	5.81E-22
8.86E+02	2.08E-14	6.78E-13	1.38E-23	2.80E-18	6.07E-22
8.87E+02	2.05E-14	6.65E-13	1.35E-23	2.80E-18	6.35E-22
8.88E+02	2.02E-14	6.52E-13	1.33E-23	2.81E-18	6.63E-22
8.89E+02	1.99E-14	6.39E-13	1.30E-23	2.81E-18	6.93E-22
8.90E+02	1.96E-14	6.27E-13	1.28E-23	2.81E-18	7.23E-22
8.91E+02	1.93E-14	6.14E-13	1.25E-23	2.81E-18	7.55E-22
8.92E+02	1.91E-14	6.03E-13	1.23E-23	2.80E-18	7.87E-22
8.93E+02	1.88E-14	5.91E-13	1.21E-23	2.80E-18	8.22E-22
8.94E+02	1.85E-14	5.79E-13	1.19E-23	2.80E-18	8.56E-22
8.95E+02	1.82E-14	5.68E-13	1.16E-23	2.80E-18	8.92E-22
8.96E+02	1.80E-14	5.57E-13	1.14E-23	2.79E-18	9.29E-22
8.97E+02	1.77E-14	5.45E-13	1.12E-23	2.79E-18	9.67E-22
8.98E+02	1.75E-14	5.35E-13	1.10E-23	2.78E-18	1.01E-21
8.99E+02	1.72E-14	5.24E-13	1.08E-23	2.78E-18	1.05E-21
9.00E+02	1.69E-14	5.14E-13	1.06E-23	2.77E-18	1.09E-21
9.01E+02	1.67E-14	5.03E-13	1.04E-23	2.77E-18	1.13E-21
9.02E+02	1.64E-14	4.94E-13	1.02E-23	2.76E-18	1.17E-21
9.03E+02	1.62E-14	4.84E-13	1.00E-23	2.75E-18	1.22E-21
9.04E+02	1.59E-14	4.74E-13	9.82E-24	2.74E-18	1.27E-21
9.05E+02	1.57E-14	4.64E-13	9.63E-24	2.73E-18	1.31E-21

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.06E+02	1.55E-14	4.55E-13	9.45E-24	2.72E-18	1.36E-21
9.07E+02	1.52E-14	4.46E-13	9.26E-24	2.71E-18	1.41E-21
9.08E+02	1.50E-14	4.37E-13	9.09E-24	2.70E-18	1.46E-21
9.09E+02	1.48E-14	4.28E-13	8.91E-24	2.69E-18	1.52E-21
9.10E+02	1.45E-14	4.20E-13	8.74E-24	2.68E-18	1.57E-21
9.11E+02	1.43E-14	4.11E-13	8.57E-24	2.67E-18	1.63E-21
9.12E+02	1.41E-14	4.03E-13	8.41E-24	2.66E-18	1.68E-21
9.13E+02	1.39E-14	3.94E-13	8.24E-24	2.64E-18	1.74E-21
9.14E+02	1.36E-14	3.86E-13	8.08E-24	2.63E-18	1.80E-21
9.15E+02	1.34E-14	3.79E-13	7.92E-24	2.62E-18	1.86E-21
9.16E+02	1.32E-14	3.71E-13	7.77E-24	2.60E-18	1.92E-21
9.17E+02	1.30E-14	3.63E-13	7.62E-24	2.59E-18	1.99E-21
9.18E+02	1.28E-14	3.56E-13	7.47E-24	2.57E-18	2.05E-21
9.19E+02	1.26E-14	3.48E-13	7.32E-24	2.56E-18	2.12E-21
9.20E+02	1.24E-14	3.41E-13	7.18E-24	2.54E-18	2.18E-21
9.21E+02	1.22E-14	3.34E-13	7.04E-24	2.53E-18	2.25E-21
9.22E+02	1.20E-14	3.27E-13	6.90E-24	2.51E-18	2.32E-21
9.23E+02	1.18E-14	3.21E-13	6.76E-24	2.50E-18	2.39E-21
9.24E+02	1.16E-14	3.14E-13	6.63E-24	2.48E-18	2.46E-21
9.25E+02	1.14E-14	3.08E-13	6.49E-24	2.46E-18	2.54E-21
9.26E+02	1.12E-14	3.01E-13	6.37E-24	2.45E-18	2.61E-21
9.27E+02	1.11E-14	2.95E-13	6.24E-24	2.43E-18	2.69E-21
9.28E+02	1.09E-14	2.89E-13	6.12E-24	2.41E-18	2.77E-21
9.29E+02	1.07E-14	2.83E-13	5.99E-24	2.39E-18	2.85E-21
9.30E+02	1.05E-14	2.77E-13	5.87E-24	2.37E-18	2.93E-21
9.31E+02	1.04E-14	2.71E-13	5.75E-24	2.35E-18	3.01E-21
9.32E+02	1.02E-14	2.66E-13	5.64E-24	2.34E-18	3.09E-21
9.33E+02	1.00E-14	2.60E-13	5.52E-24	2.32E-18	3.17E-21
9.34E+02	9.85E-15	2.55E-13	5.41E-24	2.30E-18	3.26E-21
9.35E+02	9.69E-15	2.49E-13	5.30E-24	2.28E-18	3.35E-21
9.36E+02	9.53E-15	2.44E-13	5.20E-24	2.26E-18	3.43E-21
9.37E+02	9.37E-15	2.39E-13	5.09E-24	2.24E-18	3.52E-21
9.38E+02	9.21E-15	2.34E-13	4.99E-24	2.22E-18	3.61E-21
9.39E+02	9.06E-15	2.29E-13	4.89E-24	2.20E-18	3.70E-21
9.40E+02	8.91E-15	2.24E-13	4.79E-24	2.18E-18	3.79E-21
9.41E+02	8.75E-15	2.19E-13	4.69E-24	2.16E-18	3.89E-21
9.42E+02	8.61E-15	2.15E-13	4.59E-24	2.14E-18	3.98E-21

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.43E+02	8.46E-15	2.10E-13	4.50E-24	2.12E-18	4.08E-21
9.44E+02	8.32E-15	2.06E-13	4.41E-24	2.10E-18	4.17E-21
9.45E+02	8.18E-15	2.01E-13	4.32E-24	2.08E-18	4.27E-21
9.46E+02	8.04E-15	1.97E-13	4.23E-24	2.06E-18	4.37E-21
9.47E+02	7.90E-15	1.93E-13	4.14E-24	2.04E-18	4.47E-21
9.48E+02	7.77E-15	1.89E-13	4.06E-24	2.02E-18	4.57E-21
9.49E+02	7.63E-15	1.85E-13	3.97E-24	2.00E-18	4.67E-21
9.50E+02	7.50E-15	1.81E-13	3.89E-24	1.98E-18	4.77E-21
9.51E+02	7.37E-15	1.77E-13	3.81E-24	1.95E-18	4.87E-21
9.52E+02	7.25E-15	1.73E-13	3.73E-24	1.93E-18	4.98E-21
9.53E+02	7.12E-15	1.69E-13	3.65E-24	1.91E-18	5.08E-21
9.54E+02	7.00E-15	1.66E-13	3.58E-24	1.89E-18	5.18E-21
9.55E+02	6.87E-15	1.62E-13	3.50E-24	1.87E-18	5.29E-21
9.56E+02	6.76E-15	1.59E-13	3.43E-24	1.85E-18	5.40E-21
9.57E+02	6.64E-15	1.55E-13	3.36E-24	1.83E-18	5.50E-21
9.58E+02	6.52E-15	1.52E-13	3.29E-24	1.81E-18	5.61E-21
9.59E+02	6.41E-15	1.49E-13	3.22E-24	1.79E-18	5.72E-21
9.60E+02	6.30E-15	1.46E-13	3.15E-24	1.77E-18	5.83E-21
9.61E+02	6.18E-15	1.42E-13	3.08E-24	1.75E-18	5.94E-21
9.62E+02	6.08E-15	1.39E-13	3.02E-24	1.73E-18	6.04E-21
9.63E+02	5.97E-15	1.36E-13	2.96E-24	1.71E-18	6.15E-21
9.64E+02	5.86E-15	1.33E-13	2.89E-24	1.69E-18	6.26E-21
9.65E+02	5.76E-15	1.30E-13	2.83E-24	1.67E-18	6.37E-21
9.66E+02	5.66E-15	1.28E-13	2.77E-24	1.65E-18	6.48E-21
9.67E+02	5.56E-15	1.25E-13	2.71E-24	1.62E-18	6.60E-21
9.68E+02	5.46E-15	1.22E-13	2.66E-24	1.61E-18	6.70E-21
9.69E+02	5.36E-15	1.20E-13	2.60E-24	1.58E-18	6.82E-21
9.70E+02	5.27E-15	1.17E-13	2.55E-24	1.56E-18	6.93E-21
9.71E+02	5.17E-15	1.14E-13	2.49E-24	1.54E-18	7.04E-21
9.72E+02	5.08E-15	1.12E-13	2.44E-24	1.53E-18	7.15E-21
9.73E+02	4.99E-15	1.09E-13	2.39E-24	1.51E-18	7.26E-21
9.74E+02	4.90E-15	1.07E-13	2.34E-24	1.49E-18	7.37E-21
9.75E+02	4.81E-15	1.05E-13	2.29E-24	1.47E-18	7.48E-21
9.76E+02	4.72E-15	1.02E-13	2.24E-24	1.45E-18	7.59E-21
9.77E+02	4.64E-15	1.00E-13	2.19E-24	1.43E-18	7.70E-21
9.78E+02	4.55E-15	9.80E-14	2.14E-24	1.41E-18	7.81E-21
9.79E+02	4.47E-15	9.58E-14	2.10E-24	1.39E-18	7.92E-21

Table 3. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.80E+02	4.39E-15	9.38E-14	2.05E-24	1.37E-18	8.03E-21
9.81E+02	4.31E-15	9.17E-14	2.01E-24	1.35E-18	8.14E-21
9.82E+02	4.23E-15	8.97E-14	1.97E-24	1.33E-18	8.25E-21
9.83E+02	4.15E-15	8.77E-14	1.92E-24	1.32E-18	8.36E-21
9.84E+02	4.08E-15	8.58E-14	1.88E-24	1.30E-18	8.46E-21
9.85E+02	4.00E-15	8.39E-14	1.84E-24	1.28E-18	8.57E-21
9.86E+02	3.93E-15	8.21E-14	1.80E-24	1.26E-18	8.67E-21
9.87E+02	3.86E-15	8.02E-14	1.76E-24	1.24E-18	8.78E-21
9.88E+02	3.79E-15	7.85E-14	1.72E-24	1.23E-18	8.88E-21
9.89E+02	3.72E-15	7.67E-14	1.69E-24	1.21E-18	8.99E-21
9.90E+02	3.65E-15	7.51E-14	1.65E-24	1.19E-18	9.09E-21
9.91E+02	3.58E-15	7.34E-14	1.61E-24	1.17E-18	9.19E-21
9.92E+02	3.52E-15	7.18E-14	1.58E-24	1.16E-18	9.29E-21
9.93E+02	3.45E-15	7.02E-14	1.55E-24	1.14E-18	9.40E-21
9.94E+02	3.39E-15	6.87E-14	1.51E-24	1.12E-18	9.49E-21
9.95E+02	3.32E-15	6.71E-14	1.48E-24	1.11E-18	9.59E-21
9.96E+02	3.26E-15	6.56E-14	1.45E-24	1.09E-18	9.69E-21
9.97E+02	3.20E-15	6.42E-14	1.42E-24	1.07E-18	9.79E-21
9.98E+02	3.14E-15	6.28E-14	1.38E-24	1.06E-18	9.88E-21
9.99E+02	3.08E-15	6.14E-14	1.35E-24	1.04E-18	9.98E-21
1.00E+03	3.02E-15	6.00E-14	1.33E-24	1.03E-18	1.01E-20

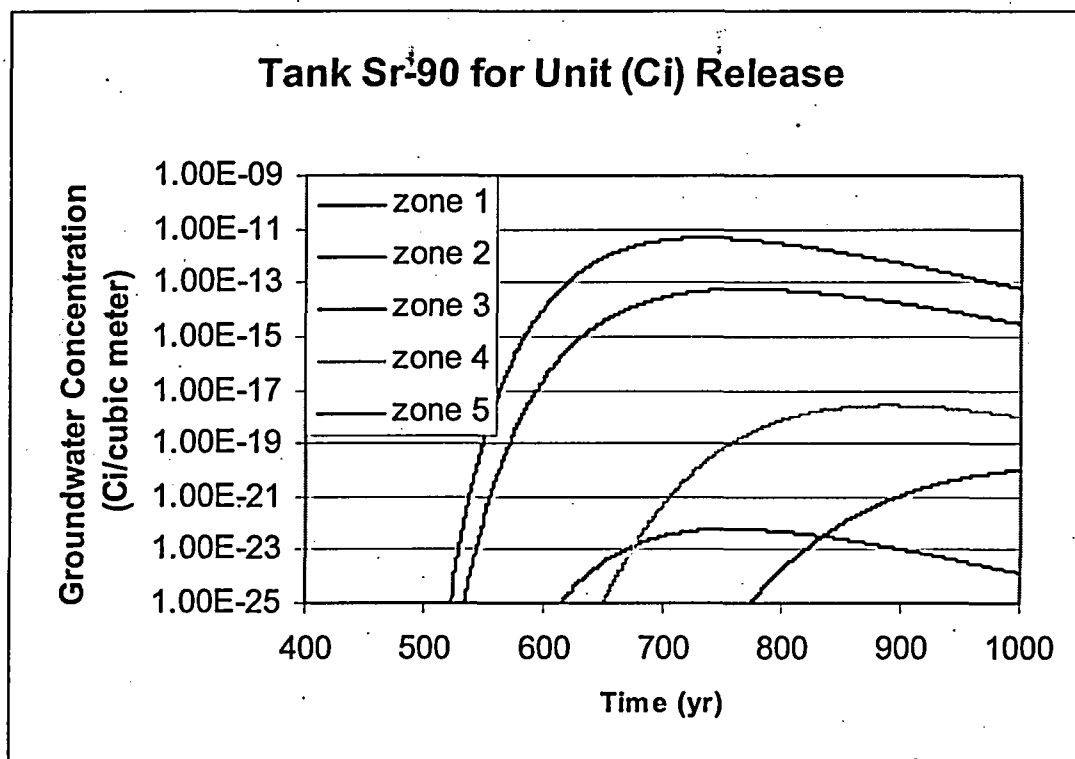


Figure 4.  $^{90}\text{Sr}$  groundwater concentrations at selected locations for a unit Ci release from a tank.

Table 4. Groundwater concentrations for  $^{129}\text{I}$  unit Ci release from the sandpad.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.01E+02	6.22E-43	4.47E-40	1.93E-51	4.17E-51	1.76E-69
1.02E+02	2.00E-41	1.11E-38	6.58E-50	3.53E-46	6.25E-56
1.03E+02	3.87E-40	2.00E-37	1.26E-48	1.91E-44	1.70E-50
1.04E+02	5.35E-39	2.60E-36	1.74E-47	4.13E-43	8.76E-48
1.05E+02	5.76E-38	2.62E-35	1.87E-46	6.47E-42	4.89E-46
1.06E+02	5.13E-37	2.17E-34	1.67E-45	7.78E-41	1.22E-44
1.07E+02	3.92E-36	1.54E-33	1.28E-44	7.59E-40	2.11E-43
1.08E+02	2.63E-35	9.67E-33	8.58E-44	6.21E-39	2.78E-42
1.09E+02	1.59E-34	5.46E-32	5.17E-43	4.40E-38	2.95E-41
1.10E+02	8.68E-34	2.82E-31	2.81E-42	2.76E-37	2.63E-40
1.11E+02	4.36E-33	1.34E-30	1.40E-41	1.56E-36	2.03E-39
1.12E+02	2.02E-32	5.96E-30	6.40E-41	8.05E-36	1.38E-38
1.13E+02	8.75E-32	2.48E-29	2.73E-40	3.83E-35	8.40E-38
1.14E+02	3.55E-31	9.67E-29	1.09E-39	1.69E-34	4.65E-37
1.15E+02	1.36E-30	3.56E-28	4.12E-39	7.00E-34	2.37E-36
1.16E+02	4.92E-30	1.24E-27	1.47E-38	2.73E-33	1.12E-35
1.17E+02	1.70E-29	4.12E-27	5.02E-38	1.01E-32	4.92E-35
1.18E+02	5.61E-29	1.31E-26	1.64E-37	3.52E-32	2.03E-34
1.19E+02	1.78E-28	4.00E-26	5.11E-37	1.17E-31	7.91E-34
1.20E+02	5.40E-28	1.18E-25	1.53E-36	3.75E-31	2.92E-33
1.21E+02	1.61E-27	3.39E-25	3.67E-36	1.12E-30	1.05E-32
1.22E+02	4.66E-27	9.45E-25	1.04E-35	2.77E-30	3.65E-32
1.23E+02	1.26E-26	2.48E-24	2.78E-35	7.02E-30	1.15E-31
1.24E+02	3.39E-26	6.47E-24	7.42E-35	1.95E-29	3.38E-31
1.25E+02	8.63E-26	1.60E-23	1.87E-34	5.17E-29	8.79E-31
1.26E+02	2.19E-25	3.94E-23	4.70E-34	1.37E-28	2.32E-30
1.27E+02	5.28E-25	9.23E-23	1.12E-33	3.42E-28	6.08E-30
1.28E+02	1.27E-24	2.16E-22	2.68E-33	8.54E-28	1.64E-29
1.29E+02	2.92E-24	4.83E-22	6.09E-33	2.03E-27	4.25E-29
1.30E+02	6.70E-24	1.08E-21	1.38E-32	4.81E-27	1.10E-28
1.31E+02	1.47E-23	2.32E-21	3.01E-32	1.09E-26	2.70E-28
1.32E+02	3.24E-23	4.98E-21	6.55E-32	2.46E-26	6.65E-28
1.33E+02	6.84E-23	1.03E-20	1.37E-31	5.34E-26	1.56E-27
1.34E+02	1.45E-22	2.12E-20	2.87E-31	1.16E-25	3.64E-27
1.35E+02	2.95E-22	4.22E-20	5.78E-31	2.42E-25	8.15E-27

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.36E+02	6.01E-22	8.40E-20	1.17E-30	5.04E-25	1.83E-26
1.37E+02	1.18E-21	1.61E-19	2.27E-30	1.01E-24	3.92E-26
1.38E+02	2.33E-21	3.11E-19	4.43E-30	2.04E-24	8.44E-26
1.39E+02	4.45E-21	5.81E-19	8.35E-30	3.96E-24	1.75E-25
1.40E+02	8.50E-21	1.09E-18	1.58E-29	7.72E-24	3.62E-25
1.41E+02	1.57E-20	1.97E-18	2.89E-29	1.45E-23	7.22E-25
1.42E+02	2.93E-20	3.59E-18	5.32E-29	2.74E-23	1.45E-24
1.43E+02	5.28E-20	6.34E-18	9.49E-29	5.03E-23	2.79E-24
1.44E+02	9.56E-20	1.12E-17	1.70E-28	9.23E-23	5.42E-24
1.45E+02	1.68E-19	1.94E-17	2.96E-28	1.65E-22	1.02E-23
1.46E+02	2.97E-19	3.35E-17	5.16E-28	2.94E-22	1.91E-23
1.47E+02	5.10E-19	5.65E-17	8.77E-28	5.12E-22	3.49E-23
1.48E+02	8.79E-19	9.55E-17	1.49E-27	8.93E-22	6.39E-23
1.49E+02	1.48E-18	1.57E-16	2.48E-27	1.52E-21	1.14E-22
1.50E+02	2.49E-18	2.60E-16	4.14E-27	2.59E-21	2.03E-22
1.51E+02	4.10E-18	4.21E-16	6.73E-27	4.30E-21	3.52E-22
1.52E+02	6.77E-18	6.81E-16	1.10E-26	7.16E-21	6.14E-22
1.53E+02	1.09E-17	1.08E-15	1.75E-26	1.17E-20	1.04E-21
1.54E+02	1.77E-17	1.72E-15	2.81E-26	1.90E-20	1.77E-21
1.55E+02	2.81E-17	2.68E-15	4.41E-26	3.04E-20	2.94E-21
1.56E+02	4.47E-17	4.18E-15	6.93E-26	4.87E-20	4.91E-21
1.57E+02	6.96E-17	6.41E-15	1.07E-25	7.64E-20	7.98E-21
1.58E+02	1.09E-16	9.84E-15	1.65E-25	1.20E-19	1.30E-20
1.59E+02	1.67E-16	1.48E-14	2.50E-25	1.86E-19	2.08E-20
1.60E+02	2.57E-16	2.24E-14	3.81E-25	2.87E-19	3.34E-20
1.61E+02	3.88E-16	3.33E-14	5.68E-25	4.36E-19	5.24E-20
1.62E+02	5.87E-16	4.96E-14	8.52E-25	6.63E-19	8.25E-20
1.63E+02	8.74E-16	7.26E-14	1.25E-24	9.91E-19	1.27E-19
1.64E+02	1.31E-15	1.07E-13	1.85E-24	1.49E-18	1.97E-19
1.65E+02	1.91E-15	1.54E-13	2.68E-24	2.19E-18	2.99E-19
1.66E+02	2.82E-15	2.23E-13	3.91E-24	3.24E-18	4.56E-19
1.67E+02	4.08E-15	3.18E-13	5.59E-24	4.70E-18	6.82E-19
1.68E+02	5.93E-15	4.54E-13	8.03E-24	6.85E-18	1.02E-18
1.69E+02	8.47E-15	6.39E-13	1.14E-23	9.82E-18	1.51E-18
1.70E+02	1.22E-14	9.02E-13	1.61E-23	1.41E-17	2.24E-18
1.71E+02	1.72E-14	1.26E-12	2.25E-23	2.00E-17	3.25E-18
1.72E+02	2.44E-14	1.75E-12	3.16E-23	2.84E-17	4.75E-18

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.73E+02	3.40E-14	2.41E-12	4.36E-23	3.97E-17	6.81E-18
1.74E+02	4.77E-14	3.33E-12	6.04E-23	5.58E-17	9.82E-18
1.75E+02	6.59E-14	4.53E-12	8.26E-23	7.72E-17	1.39E-17
1.76E+02	9.13E-14	6.19E-12	1.13E-22	1.07E-16	1.98E-17
1.77E+02	1.25E-13	8.34E-12	1.53E-22	1.47E-16	2.78E-17
1.78E+02	1.71E-13	1.13E-11	2.08E-22	2.01E-16	3.90E-17
1.79E+02	2.32E-13	1.50E-11	2.79E-22	2.73E-16	5.41E-17
1.80E+02	3.15E-13	2.01E-11	3.74E-22	3.71E-16	7.52E-17
1.81E+02	4.23E-13	2.66E-11	4.97E-22	4.97E-16	1.03E-16
1.82E+02	5.69E-13	3.53E-11	6.61E-22	6.69E-16	1.42E-16
1.83E+02	7.56E-13	4.63E-11	8.69E-22	8.89E-16	1.93E-16
1.84E+02	1.01E-12	6.09E-11	1.15E-21	1.19E-15	2.62E-16
1.85E+02	1.33E-12	7.91E-11	1.49E-21	1.56E-15	3.53E-16
1.86E+02	1.76E-12	1.03E-10	1.95E-21	2.06E-15	4.76E-16
1.87E+02	2.29E-12	1.33E-10	2.53E-21	2.69E-15	6.33E-16
1.88E+02	3.01E-12	1.72E-10	3.28E-21	3.53E-15	8.46E-16
1.89E+02	3.90E-12	2.20E-10	4.21E-21	4.57E-15	1.12E-15
1.90E+02	5.07E-12	2.82E-10	5.41E-21	5.93E-15	1.48E-15
1.91E+02	6.52E-12	3.58E-10	6.89E-21	7.63E-15	1.93E-15
1.92E+02	8.42E-12	4.56E-10	8.80E-21	9.83E-15	2.54E-15
1.93E+02	1.07E-11	5.75E-10	1.11E-20	1.25E-14	3.29E-15
1.94E+02	1.38E-11	7.27E-10	1.41E-20	1.60E-14	4.29E-15
1.95E+02	1.75E-11	9.10E-10	1.77E-20	2.03E-14	5.52E-15
1.96E+02	2.22E-11	1.14E-09	2.23E-20	2.58E-14	7.13E-15
1.97E+02	2.80E-11	1.42E-09	2.78E-20	3.24E-14	9.11E-15
1.98E+02	3.53E-11	1.77E-09	3.47E-20	4.08E-14	1.17E-14
1.99E+02	4.42E-11	2.19E-09	4.30E-20	5.10E-14	1.48E-14
2.00E+02	5.52E-11	2.70E-09	5.32E-20	6.35E-14	1.87E-14
2.01E+02	6.90E-11	3.33E-09	6.58E-20	7.93E-14	2.38E-14
2.02E+02	8.56E-11	4.08E-09	8.07E-20	9.81E-14	2.98E-14
2.03E+02	1.06E-10	5.01E-09	9.93E-20	1.22E-13	3.76E-14
2.04E+02	1.31E-10	6.10E-09	1.21E-19	1.49E-13	4.69E-14
2.05E+02	1.62E-10	7.44E-09	1.48E-19	1.84E-13	5.86E-14
2.06E+02	1.98E-10	9.01E-09	1.80E-19	2.25E-13	7.26E-14
2.07E+02	2.44E-10	1.09E-08	2.19E-19	2.76E-13	9.03E-14
2.08E+02	2.97E-10	1.32E-08	2.64E-19	3.35E-13	1.11E-13
2.09E+02	3.63E-10	1.59E-08	3.19E-19	4.08E-13	1.37E-13



Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.10E+02	4.40E-10	1.90E-08	3.83E-19	4.93E-13	1.68E-13
2.11E+02	5.34E-10	2.28E-08	4.61E-19	5.97E-13	2.06E-13
2.12E+02	6.44E-10	2.72E-08	5.50E-19	7.18E-13	2.51E-13
2.13E+02	7.79E-10	3.25E-08	6.59E-19	8.65E-13	3.07E-13
2.14E+02	9.35E-10	3.86E-08	7.83E-19	1.03E-12	3.71E-13
2.15E+02	1.12E-09	4.59E-08	9.32E-19	1.24E-12	4.51E-13
2.16E+02	1.34E-09	5.42E-08	1.10E-18	1.48E-12	5.43E-13
2.17E+02	1.61E-09	6.41E-08	1.31E-18	1.76E-12	6.56E-13
2.18E+02	1.91E-09	7.53E-08	1.54E-18	2.09E-12	7.86E-13
2.19E+02	2.27E-09	8.87E-08	1.82E-18	2.48E-12	9.44E-13
2.20E+02	2.69E-09	1.04E-07	2.13E-18	2.92E-12	1.13E-12
2.21E+02	3.19E-09	1.22E-07	2.50E-18	3.45E-12	1.35E-12
2.22E+02	3.76E-09	1.42E-07	2.92E-18	4.05E-12	1.60E-12
2.23E+02	4.44E-09	1.66E-07	3.41E-18	4.76E-12	1.90E-12
2.24E+02	5.21E-09	1.92E-07	3.96E-18	5.57E-12	2.24E-12
2.25E+02	6.13E-09	2.24E-07	4.62E-18	6.52E-12	2.66E-12
2.26E+02	7.16E-09	2.58E-07	5.35E-18	7.59E-12	3.12E-12
2.27E+02	8.38E-09	2.99E-07	6.20E-18	8.86E-12	3.68E-12
2.28E+02	9.76E-09	3.45E-07	7.15E-18	1.03E-11	4.31E-12
2.29E+02	1.14E-08	3.98E-07	8.26E-18	1.19E-11	5.06E-12
2.30E+02	1.32E-08	4.56E-07	9.50E-18	1.38E-11	5.90E-12
2.31E+02	1.53E-08	5.24E-07	1.09E-17	1.59E-11	6.90E-12
2.32E+02	1.77E-08	5.99E-07	1.25E-17	1.83E-11	8.01E-12
2.33E+02	2.05E-08	6.86E-07	1.43E-17	2.12E-11	9.33E-12
2.34E+02	2.36E-08	7.82E-07	1.64E-17	2.42E-11	1.08E-11
2.35E+02	2.72E-08	8.93E-07	1.87E-17	2.78E-11	1.25E-11
2.36E+02	3.12E-08	1.01E-06	2.13E-17	3.18E-11	1.44E-11
2.37E+02	3.59E-08	1.15E-06	2.42E-17	3.64E-11	1.67E-11
2.38E+02	4.10E-08	1.30E-06	2.74E-17	4.14E-11	1.91E-11
2.39E+02	4.70E-08	1.48E-06	3.12E-17	4.73E-11	2.20E-11
2.40E+02	5.36E-08	1.67E-06	3.52E-17	5.36E-11	2.52E-11
2.41E+02	6.12E-08	1.89E-06	3.98E-17	6.10E-11	2.89E-11
2.42E+02	6.95E-08	2.12E-06	4.49E-17	6.90E-11	3.29E-11
2.43E+02	7.91E-08	2.39E-06	5.06E-17	7.82E-11	3.76E-11
2.44E+02	8.96E-08	2.68E-06	5.68E-17	8.82E-11	4.28E-11
2.45E+02	1.02E-07	3.01E-06	6.39E-17	9.96E-11	4.87E-11
2.46E+02	1.15E-07	3.37E-06	7.15E-17	1.12E-10	5.52E-11

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.47E+02	1.30E-07	3.77E-06	8.02E-17	1.26E-10	6.27E-11
2.48E+02	1.46E-07	4.21E-06	8.95E-17	1.41E-10	7.08E-11
2.49E+02	1.65E-07	4.70E-06	1.00E-16	1.59E-10	8.01E-11
2.50E+02	1.85E-07	5.22E-06	1.11E-16	1.77E-10	9.02E-11
2.51E+02	2.08E-07	5.82E-06	1.24E-16	1.99E-10	1.02E-10
2.52E+02	2.33E-07	6.45E-06	1.38E-16	2.21E-10	1.14E-10
2.53E+02	2.62E-07	7.17E-06	1.53E-16	2.47E-10	1.28E-10
2.54E+02	2.92E-07	7.93E-06	1.70E-16	2.75E-10	1.44E-10
2.55E+02	3.27E-07	8.79E-06	1.88E-16	3.06E-10	1.61E-10
2.56E+02	3.64E-07	9.70E-06	2.08E-16	3.39E-10	1.80E-10
2.57E+02	4.07E-07	1.07E-05	2.30E-16	3.77E-10	2.01E-10
2.58E+02	4.52E-07	1.18E-05	2.54E-16	4.17E-10	2.24E-10
2.59E+02	5.03E-07	1.30E-05	2.80E-16	4.62E-10	2.50E-10
2.60E+02	5.57E-07	1.43E-05	3.08E-16	5.09E-10	2.78E-10
2.61E+02	6.19E-07	1.57E-05	3.39E-16	5.63E-10	3.09E-10
2.62E+02	6.84E-07	1.72E-05	3.71E-16	6.19E-10	3.42E-10
2.63E+02	7.58E-07	1.89E-05	4.08E-16	6.82E-10	3.79E-10
2.64E+02	8.36E-07	2.07E-05	4.46E-16	7.49E-10	4.19E-10
2.65E+02	9.24E-07	2.26E-05	4.89E-16	8.24E-10	4.64E-10
2.66E+02	1.02E-06	2.47E-05	5.34E-16	9.03E-10	5.11E-10
2.67E+02	1.12E-06	2.70E-05	5.84E-16	9.91E-10	5.64E-10
2.68E+02	1.23E-06	2.93E-05	6.36E-16	1.08E-09	6.20E-10
2.69E+02	1.36E-06	3.20E-05	6.94E-16	1.19E-09	6.83E-10
2.70E+02	1.49E-06	3.48E-05	7.55E-16	1.29E-09	7.50E-10
2.71E+02	1.63E-06	3.78E-05	8.22E-16	1.41E-09	8.24E-10
2.72E+02	1.78E-06	4.10E-05	8.92E-16	1.54E-09	9.02E-10
2.73E+02	1.95E-06	4.45E-05	9.69E-16	1.68E-09	9.88E-10
2.74E+02	2.13E-06	4.82E-05	1.05E-15	1.82E-09	1.08E-09
2.75E+02	2.33E-06	5.22E-05	1.14E-15	1.98E-09	1.18E-09
2.76E+02	2.54E-06	5.64E-05	1.23E-15	2.15E-09	1.29E-09
2.77E+02	2.77E-06	6.10E-05	1.33E-15	2.33E-09	1.41E-09
2.78E+02	3.02E-06	6.58E-05	1.44E-15	2.52E-09	1.53E-09
2.79E+02	3.28E-06	7.10E-05	1.55E-15	2.74E-09	1.67E-09
2.80E+02	3.56E-06	7.64E-05	1.67E-15	2.95E-09	1.81E-09
2.81E+02	3.87E-06	8.23E-05	1.80E-15	3.20E-09	1.97E-09
2.82E+02	4.20E-06	8.85E-05	1.94E-15	3.45E-09	2.13E-09
2.83E+02	4.56E-06	9.52E-05	2.09E-15	3.72E-09	2.31E-09

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.84E+02	4.93E-06	1.02E-04	2.24E-15	4.00E-09	2.50E-09
2.85E+02	5.34E-06	1.10E-04	2.41E-15	4.31E-09	2.71E-09
2.86E+02	5.76E-06	1.17E-04	2.58E-15	4.63E-09	2.92E-09
2.87E+02	6.23E-06	1.26E-04	2.77E-15	4.99E-09	3.16E-09
2.88E+02	6.72E-06	1.34E-04	2.96E-15	5.35E-09	3.40E-09
2.89E+02	7.25E-06	1.44E-04	3.17E-15	5.74E-09	3.67E-09
2.90E+02	7.80E-06	1.54E-04	3.38E-15	6.15E-09	3.95E-09
2.91E+02	8.40E-06	1.64E-04	3.62E-15	6.59E-09	4.25E-09
2.92E+02	9.03E-06	1.75E-04	3.86E-15	7.05E-09	4.57E-09
2.93E+02	9.71E-06	1.87E-04	4.12E-15	7.54E-09	4.91E-09
2.94E+02	1.04E-05	1.99E-04	4.38E-15	8.05E-09	5.26E-09
2.95E+02	1.12E-05	2.11E-04	4.67E-15	8.60E-09	5.65E-09
2.96E+02	1.20E-05	2.25E-04	4.97E-15	9.17E-09	6.05E-09
2.97E+02	1.29E-05	2.39E-04	5.29E-15	9.78E-09	6.48E-09
2.98E+02	1.38E-05	2.54E-04	5.61E-15	1.04E-08	6.92E-09
2.99E+02	1.47E-05	2.69E-04	5.96E-15	1.11E-08	7.41E-09
3.00E+02	1.57E-05	2.85E-04	6.32E-15	1.18E-08	7.90E-09
3.01E+02	1.68E-05	3.03E-04	6.71E-15	1.25E-08	8.44E-09
3.02E+02	1.79E-05	3.20E-04	7.10E-15	1.33E-08	8.99E-09
3.03E+02	1.91E-05	3.39E-04	7.53E-15	1.41E-08	9.59E-09
3.04E+02	2.04E-05	3.59E-04	7.96E-15	1.50E-08	1.02E-08
3.05E+02	2.17E-05	3.79E-04	8.42E-15	1.59E-08	1.09E-08
3.06E+02	2.31E-05	4.00E-04	8.89E-15	1.68E-08	1.15E-08
3.07E+02	2.46E-05	4.23E-04	9.40E-15	1.78E-08	1.23E-08
3.08E+02	2.62E-05	4.46E-04	9.91E-15	1.88E-08	1.30E-08
3.09E+02	2.78E-05	4.70E-04	1.05E-14	1.99E-08	1.38E-08
3.10E+02	2.95E-05	4.95E-04	1.10E-14	2.10E-08	1.46E-08
3.11E+02	3.13E-05	5.22E-04	1.16E-14	2.22E-08	1.55E-08
3.12E+02	3.32E-05	5.48E-04	1.22E-14	2.34E-08	1.64E-08
3.13E+02	3.52E-05	5.77E-04	1.29E-14	2.47E-08	1.74E-08
3.14E+02	3.73E-05	6.06E-04	1.35E-14	2.60E-08	1.84E-08
3.15E+02	3.95E-05	6.37E-04	1.42E-14	2.74E-08	1.94E-08
3.16E+02	4.17E-05	6.68E-04	1.49E-14	2.88E-08	2.05E-08
3.17E+02	4.41E-05	7.02E-04	1.57E-14	3.03E-08	2.17E-08
3.18E+02	4.66E-05	7.35E-04	1.64E-14	3.19E-08	2.28E-08
3.19E+02	4.93E-05	7.71E-04	1.72E-14	3.35E-08	2.41E-08
3.20E+02	5.19E-05	8.07E-04	1.81E-14	3.52E-08	2.54E-08

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.21E+02	5.48E-05	8.46E-04	1.89E-14	3.69E-08	2.67E-08
3.22E+02	5.78E-05	8.84E-04	1.98E-14	3.87E-08	2.81E-08
3.23E+02	6.09E-05	9.26E-04	2.07E-14	4.06E-08	2.95E-08
3.24E+02	6.41E-05	9.67E-04	2.17E-14	4.25E-08	3.10E-08
3.25E+02	6.75E-05	1.01E-03	2.26E-14	4.45E-08	3.26E-08
3.26E+02	7.09E-05	1.05E-03	2.36E-14	4.66E-08	3.42E-08
3.27E+02	7.46E-05	1.10E-03	2.47E-14	4.88E-08	3.59E-08
3.28E+02	7.84E-05	1.15E-03	2.58E-14	5.10E-08	3.76E-08
3.29E+02	8.24E-05	1.20E-03	2.69E-14	5.33E-08	3.95E-08
3.30E+02	8.64E-05	1.25E-03	2.80E-14	5.56E-08	4.13E-08
3.31E+02	9.07E-05	1.30E-03	2.92E-14	5.81E-08	4.33E-08
3.32E+02	9.50E-05	1.35E-03	3.04E-14	6.06E-08	4.53E-08
3.33E+02	9.97E-05	1.41E-03	3.17E-14	6.32E-08	4.74E-08
3.34E+02	1.04E-04	1.46E-03	3.29E-14	6.58E-08	4.95E-08
3.35E+02	1.09E-04	1.52E-03	3.43E-14	6.86E-08	5.17E-08
3.36E+02	1.14E-04	1.58E-03	3.56E-14	7.14E-08	5.40E-08
3.37E+02	1.20E-04	1.64E-03	3.70E-14	7.44E-08	5.64E-08
3.38E+02	1.25E-04	1.71E-03	3.84E-14	7.74E-08	5.88E-08
3.39E+02	1.31E-04	1.77E-03	3.99E-14	8.05E-08	6.13E-08
3.40E+02	1.37E-04	1.84E-03	4.14E-14	8.36E-08	6.39E-08
3.41E+02	1.43E-04	1.91E-03	4.30E-14	8.69E-08	6.66E-08
3.42E+02	1.49E-04	1.97E-03	4.45E-14	9.02E-08	6.93E-08
3.43E+02	1.55E-04	2.05E-03	4.62E-14	9.37E-08	7.21E-08
3.44E+02	1.62E-04	2.12E-03	4.78E-14	9.72E-08	7.50E-08
3.45E+02	1.69E-04	2.19E-03	4.95E-14	1.01E-07	7.80E-08
3.46E+02	1.76E-04	2.27E-03	5.12E-14	1.04E-07	8.10E-08
3.47E+02	1.83E-04	2.35E-03	5.30E-14	1.08E-07	8.42E-08
3.48E+02	1.91E-04	2.43E-03	5.48E-14	1.12E-07	8.74E-08
3.49E+02	1.99E-04	2.51E-03	5.67E-14	1.16E-07	9.08E-08
3.50E+02	2.06E-04	2.59E-03	5.86E-14	1.20E-07	9.41E-08
3.51E+02	2.15E-04	2.68E-03	6.05E-14	1.24E-07	9.76E-08
3.52E+02	2.23E-04	2.76E-03	6.25E-14	1.29E-07	1.01E-07
3.53E+02	2.32E-04	2.85E-03	6.45E-14	1.33E-07	1.05E-07
3.54E+02	2.41E-04	2.94E-03	6.65E-14	1.37E-07	1.09E-07
3.55E+02	2.50E-04	3.03E-03	6.87E-14	1.42E-07	1.12E-07
3.56E+02	2.59E-04	3.13E-03	7.08E-14	1.47E-07	1.16E-07
3.57E+02	2.69E-04	3.22E-03	7.30E-14	1.51E-07	1.20E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.58E+02	2.79E-04	3.32E-03	7.52E-14	1.56E-07	1.24E-07
3.59E+02	2.89E-04	3.42E-03	7.75E-14	1.61E-07	1.29E-07
3.60E+02	2.99E-04	3.52E-03	7.97E-14	1.66E-07	1.33E-07
3.61E+02	3.10E-04	3.62E-03	8.21E-14	1.71E-07	1.37E-07
3.62E+02	3.21E-04	3.72E-03	8.44E-14	1.76E-07	1.42E-07
3.63E+02	3.33E-04	3.83E-03	8.69E-14	1.82E-07	1.46E-07
3.64E+02	3.44E-04	3.93E-03	8.93E-14	1.87E-07	1.51E-07
3.65E+02	3.56E-04	4.04E-03	9.18E-14	1.92E-07	1.56E-07
3.66E+02	3.68E-04	4.15E-03	9.43E-14	1.98E-07	1.60E-07
3.67E+02	3.80E-04	4.27E-03	9.69E-14	2.04E-07	1.65E-07
3.68E+02	3.93E-04	4.38E-03	9.95E-14	2.09E-07	1.70E-07
3.69E+02	4.06E-04	4.49E-03	1.02E-13	2.15E-07	1.75E-07
3.70E+02	4.19E-04	4.61E-03	1.05E-13	2.21E-07	1.81E-07
3.71E+02	4.32E-04	4.73E-03	1.08E-13	2.27E-07	1.86E-07
3.72E+02	4.46E-04	4.85E-03	1.10E-13	2.33E-07	1.91E-07
3.73E+02	4.60E-04	4.97E-03	1.13E-13	2.39E-07	1.97E-07
3.74E+02	4.74E-04	5.09E-03	1.16E-13	2.46E-07	2.02E-07
3.75E+02	4.89E-04	5.22E-03	1.19E-13	2.52E-07	2.08E-07
3.76E+02	5.04E-04	5.34E-03	1.22E-13	2.58E-07	2.13E-07
3.77E+02	5.19E-04	5.47E-03	1.25E-13	2.65E-07	2.19E-07
3.78E+02	5.35E-04	5.60E-03	1.27E-13	2.71E-07	2.25E-07
3.79E+02	5.51E-04	5.73E-03	1.30E-13	2.78E-07	2.31E-07
3.80E+02	5.67E-04	5.86E-03	1.33E-13	2.85E-07	2.37E-07
3.81E+02	5.83E-04	5.99E-03	1.37E-13	2.92E-07	2.43E-07
3.82E+02	6.00E-04	6.12E-03	1.40E-13	2.99E-07	2.49E-07
3.83E+02	6.17E-04	6.26E-03	1.43E-13	3.06E-07	2.56E-07
3.84E+02	6.34E-04	6.39E-03	1.46E-13	3.13E-07	2.62E-07
3.85E+02	6.52E-04	6.53E-03	1.49E-13	3.20E-07	2.68E-07
3.86E+02	6.70E-04	6.67E-03	1.52E-13	3.27E-07	2.75E-07
3.87E+02	6.88E-04	6.81E-03	1.55E-13	3.34E-07	2.81E-07
3.88E+02	7.06E-04	6.95E-03	1.59E-13	3.42E-07	2.88E-07
3.89E+02	7.25E-04	7.09E-03	1.62E-13	3.49E-07	2.95E-07
3.90E+02	7.44E-04	7.24E-03	1.65E-13	3.57E-07	3.02E-07
3.91E+02	7.64E-04	7.38E-03	1.69E-13	3.64E-07	3.09E-07
3.92E+02	7.83E-04	7.53E-03	1.72E-13	3.72E-07	3.15E-07
3.93E+02	8.04E-04	7.67E-03	1.75E-13	3.80E-07	3.22E-07
3.94E+02	8.24E-04	7.82E-03	1.79E-13	3.87E-07	3.29E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.95E+02	8.45E-04	7.97E-03	1.82E-13	3.95E-07	3.37E-07
3.96E+02	8.65E-04	8.12E-03	1.85E-13	4.03E-07	3.44E-07
3.97E+02	8.87E-04	8.27E-03	1.89E-13	4.11E-07	3.51E-07
3.98E+02	9.08E-04	8.42E-03	1.92E-13	4.19E-07	3.58E-07
3.99E+02	9.30E-04	8.57E-03	1.96E-13	4.27E-07	3.66E-07
4.00E+02	9.52E-04	8.72E-03	1.99E-13	4.35E-07	3.73E-07
4.01E+02	9.74E-04	8.87E-03	2.03E-13	4.43E-07	3.81E-07
4.02E+02	9.97E-04	9.02E-03	2.06E-13	4.51E-07	3.88E-07
4.03E+02	1.02E-03	9.18E-03	2.10E-13	4.60E-07	3.96E-07
4.04E+02	1.04E-03	9.33E-03	2.14E-13	4.68E-07	4.04E-07
4.05E+02	1.07E-03	9.49E-03	2.17E-13	4.76E-07	4.11E-07
4.06E+02	1.09E-03	9.64E-03	2.21E-13	4.84E-07	4.19E-07
4.07E+02	1.11E-03	9.80E-03	2.25E-13	4.93E-07	4.27E-07
4.08E+02	1.14E-03	9.96E-03	2.28E-13	5.01E-07	4.35E-07
4.09E+02	1.16E-03	1.01E-02	2.32E-13	5.10E-07	4.43E-07
4.10E+02	1.19E-03	1.03E-02	2.35E-13	5.18E-07	4.51E-07
4.11E+02	1.21E-03	1.04E-02	2.39E-13	5.27E-07	4.59E-07
4.12E+02	1.24E-03	1.06E-02	2.43E-13	5.35E-07	4.67E-07
4.13E+02	1.26E-03	1.07E-02	2.46E-13	5.44E-07	4.75E-07
4.14E+02	1.29E-03	1.09E-02	2.50E-13	5.52E-07	4.83E-07
4.15E+02	1.32E-03	1.11E-02	2.54E-13	5.61E-07	4.91E-07
4.16E+02	1.34E-03	1.12E-02	2.57E-13	5.69E-07	4.99E-07
4.17E+02	1.37E-03	1.14E-02	2.61E-13	5.78E-07	5.07E-07
4.18E+02	1.39E-03	1.15E-02	2.65E-13	5.87E-07	5.15E-07
4.19E+02	1.42E-03	1.17E-02	2.69E-13	5.96E-07	5.24E-07
4.20E+02	1.45E-03	1.19E-02	2.72E-13	6.04E-07	5.32E-07
4.21E+02	1.48E-03	1.20E-02	2.76E-13	6.13E-07	5.40E-07
4.22E+02	1.50E-03	1.22E-02	2.80E-13	6.21E-07	5.48E-07
4.23E+02	1.53E-03	1.23E-02	2.83E-13	6.30E-07	5.57E-07
4.24E+02	1.56E-03	1.25E-02	2.87E-13	6.39E-07	5.65E-07
4.25E+02	1.59E-03	1.27E-02	2.91E-13	6.48E-07	5.73E-07
4.26E+02	1.62E-03	1.28E-02	2.94E-13	6.56E-07	5.82E-07
4.27E+02	1.65E-03	1.30E-02	2.98E-13	6.65E-07	5.90E-07
4.28E+02	1.68E-03	1.31E-02	3.02E-13	6.74E-07	5.98E-07
4.29E+02	1.70E-03	1.33E-02	3.05E-13	6.82E-07	6.07E-07
4.30E+02	1.73E-03	1.34E-02	3.09E-13	6.91E-07	6.15E-07
4.31E+02	1.76E-03	1.36E-02	3.13E-13	7.00E-07	6.23E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.32E+02	1.79E-03	1.38E-02	3.16E-13	7.08E-07	6.32E-07
4.33E+02	1.82E-03	1.39E-02	3.20E-13	7.17E-07	6.40E-07
4.34E+02	1.85E-03	1.41E-02	3.24E-13	7.26E-07	6.48E-07
4.35E+02	1.88E-03	1.42E-02	3.27E-13	7.34E-07	6.57E-07
4.36E+02	1.91E-03	1.44E-02	3.31E-13	7.43E-07	6.65E-07
4.37E+02	1.94E-03	1.45E-02	3.34E-13	7.52E-07	6.74E-07
4.38E+02	1.98E-03	1.47E-02	3.38E-13	7.60E-07	6.82E-07
4.39E+02	2.01E-03	1.48E-02	3.42E-13	7.69E-07	6.90E-07
4.40E+02	2.04E-03	1.50E-02	3.45E-13	7.77E-07	6.98E-07
4.41E+02	2.07E-03	1.51E-02	3.49E-13	7.86E-07	7.07E-07
4.42E+02	2.10E-03	1.53E-02	3.52E-13	7.94E-07	7.15E-07
4.43E+02	2.13E-03	1.54E-02	3.56E-13	8.03E-07	7.23E-07
4.44E+02	2.16E-03	1.56E-02	3.59E-13	8.11E-07	7.31E-07
4.45E+02	2.19E-03	1.57E-02	3.63E-13	8.19E-07	7.40E-07
4.46E+02	2.23E-03	1.59E-02	3.66E-13	8.28E-07	7.48E-07
4.47E+02	2.26E-03	1.60E-02	3.70E-13	8.36E-07	7.56E-07
4.48E+02	2.29E-03	1.62E-02	3.73E-13	8.44E-07	7.64E-07
4.49E+02	2.32E-03	1.63E-02	3.76E-13	8.52E-07	7.72E-07
4.50E+02	2.35E-03	1.65E-02	3.80E-13	8.60E-07	7.80E-07
4.51E+02	2.39E-03	1.66E-02	3.83E-13	8.69E-07	7.88E-07
4.52E+02	2.42E-03	1.68E-02	3.86E-13	8.77E-07	7.96E-07
4.53E+02	2.45E-03	1.69E-02	3.90E-13	8.85E-07	8.04E-07
4.54E+02	2.48E-03	1.70E-02	3.93E-13	8.93E-07	8.12E-07
4.55E+02	2.52E-03	1.72E-02	3.96E-13	9.01E-07	8.20E-07
4.56E+02	2.55E-03	1.73E-02	4.00E-13	9.09E-07	8.28E-07
4.57E+02	2.58E-03	1.75E-02	4.03E-13	9.17E-07	8.36E-07
4.58E+02	2.62E-03	1.76E-02	4.06E-13	9.24E-07	8.44E-07
4.59E+02	2.65E-03	1.77E-02	4.09E-13	9.32E-07	8.51E-07
4.60E+02	2.68E-03	1.79E-02	4.12E-13	9.40E-07	8.59E-07
4.61E+02	2.71E-03	1.80E-02	4.16E-13	9.47E-07	8.67E-07
4.62E+02	2.75E-03	1.81E-02	4.19E-13	9.55E-07	8.74E-07
4.63E+02	2.78E-03	1.83E-02	4.22E-13	9.63E-07	8.82E-07
4.64E+02	2.81E-03	1.84E-02	4.25E-13	9.70E-07	8.89E-07
4.65E+02	2.85E-03	1.85E-02	4.28E-13	9.77E-07	8.97E-07
4.66E+02	2.88E-03	1.87E-02	4.31E-13	9.85E-07	9.04E-07
4.67E+02	2.91E-03	1.88E-02	4.34E-13	9.92E-07	9.12E-07
4.68E+02	2.95E-03	1.89E-02	4.37E-13	9.99E-07	9.19E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.69E+02	2.98E-03	1.90E-02	4.40E-13	1.01E-06	9.26E-07
4.70E+02	3.01E-03	1.92E-02	4.42E-13	1.01E-06	9.33E-07
4.71E+02	3.05E-03	1.93E-02	4.45E-13	1.02E-06	9.40E-07
4.72E+02	3.08E-03	1.94E-02	4.48E-13	1.03E-06	9.47E-07
4.73E+02	3.11E-03	1.95E-02	4.51E-13	1.03E-06	9.55E-07
4.74E+02	3.15E-03	1.96E-02	4.54E-13	1.04E-06	9.61E-07
4.75E+02	3.18E-03	1.98E-02	4.57E-13	1.05E-06	9.68E-07
4.76E+02	3.21E-03	1.99E-02	4.59E-13	1.05E-06	9.75E-07
4.77E+02	3.24E-03	2.00E-02	4.62E-13	1.06E-06	9.82E-07
4.78E+02	3.28E-03	2.01E-02	4.65E-13	1.07E-06	9.89E-07
4.79E+02	3.31E-03	2.02E-02	4.67E-13	1.07E-06	9.95E-07
4.80E+02	3.34E-03	2.03E-02	4.70E-13	1.08E-06	1.00E-06
4.81E+02	3.38E-03	2.04E-02	4.72E-13	1.09E-06	1.01E-06
4.82E+02	3.41E-03	2.05E-02	4.75E-13	1.09E-06	1.01E-06
4.83E+02	3.44E-03	2.06E-02	4.77E-13	1.10E-06	1.02E-06
4.84E+02	3.47E-03	2.07E-02	4.80E-13	1.11E-06	1.03E-06
4.85E+02	3.51E-03	2.09E-02	4.82E-13	1.11E-06	1.03E-06
4.86E+02	3.54E-03	2.10E-02	4.85E-13	1.12E-06	1.04E-06
4.87E+02	3.57E-03	2.11E-02	4.87E-13	1.12E-06	1.05E-06
4.88E+02	3.60E-03	2.12E-02	4.90E-13	1.13E-06	1.05E-06
4.89E+02	3.64E-03	2.13E-02	4.92E-13	1.14E-06	1.06E-06
4.90E+02	3.67E-03	2.13E-02	4.94E-13	1.14E-06	1.06E-06
4.91E+02	3.70E-03	2.14E-02	4.96E-13	1.15E-06	1.07E-06
4.92E+02	3.73E-03	2.15E-02	4.99E-13	1.15E-06	1.08E-06
4.93E+02	3.77E-03	2.16E-02	5.01E-13	1.16E-06	1.08E-06
4.94E+02	3.80E-03	2.17E-02	5.03E-13	1.16E-06	1.09E-06
4.95E+02	3.83E-03	2.18E-02	5.05E-13	1.17E-06	1.09E-06
4.96E+02	3.86E-03	2.19E-02	5.07E-13	1.17E-06	1.10E-06
4.97E+02	3.89E-03	2.20E-02	5.09E-13	1.18E-06	1.10E-06
4.98E+02	3.92E-03	2.21E-02	5.11E-13	1.18E-06	1.11E-06
4.99E+02	3.96E-03	2.22E-02	5.13E-13	1.19E-06	1.11E-06
5.00E+02	3.99E-03	2.22E-02	5.15E-13	1.19E-06	1.12E-06
5.01E+02	4.02E-03	2.23E-02	5.17E-13	1.20E-06	1.12E-06
5.02E+02	4.05E-03	2.24E-02	5.19E-13	1.20E-06	1.13E-06
5.03E+02	4.08E-03	2.25E-02	5.21E-13	1.21E-06	1.14E-06
5.04E+02	4.11E-03	2.26E-02	5.23E-13	1.21E-06	1.14E-06
5.05E+02	4.14E-03	2.26E-02	5.25E-13	1.22E-06	1.14E-06



Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.06E+02	4.17E-03	2.27E-02	5.27E-13	1.22E-06	1.15E-06
5.07E+02	4.20E-03	2.28E-02	5.29E-13	1.23E-06	1.15E-06
5.08E+02	4.23E-03	2.29E-02	5.30E-13	1.23E-06	1.16E-06
5.09E+02	4.26E-03	2.29E-02	5.32E-13	1.24E-06	1.16E-06
5.10E+02	4.29E-03	2.30E-02	5.34E-13	1.24E-06	1.17E-06
5.11E+02	4.32E-03	2.31E-02	5.35E-13	1.25E-06	1.17E-06
5.12E+02	4.35E-03	2.31E-02	5.37E-13	1.25E-06	1.18E-06
5.13E+02	4.38E-03	2.32E-02	5.39E-13	1.25E-06	1.18E-06
5.14E+02	4.41E-03	2.33E-02	5.40E-13	1.26E-06	1.19E-06
5.15E+02	4.44E-03	2.33E-02	5.42E-13	1.26E-06	1.19E-06
5.16E+02	4.47E-03	2.34E-02	5.43E-13	1.26E-06	1.19E-06
5.17E+02	4.50E-03	2.35E-02	5.45E-13	1.27E-06	1.20E-06
5.18E+02	4.53E-03	2.35E-02	5.46E-13	1.27E-06	1.20E-06
5.19E+02	4.56E-03	2.36E-02	5.48E-13	1.28E-06	1.21E-06
5.20E+02	4.58E-03	2.36E-02	5.49E-13	1.28E-06	1.21E-06
5.21E+02	4.61E-03	2.37E-02	5.50E-13	1.28E-06	1.21E-06
5.22E+02	4.64E-03	2.38E-02	5.52E-13	1.29E-06	1.22E-06
5.23E+02	4.67E-03	2.38E-02	5.53E-13	1.29E-06	1.22E-06
5.24E+02	4.70E-03	2.39E-02	5.54E-13	1.29E-06	1.22E-06
5.25E+02	4.72E-03	2.39E-02	5.55E-13	1.30E-06	1.23E-06
5.26E+02	4.75E-03	2.40E-02	5.57E-13	1.30E-06	1.23E-06
5.27E+02	4.78E-03	2.40E-02	5.58E-13	1.30E-06	1.23E-06
5.28E+02	4.81E-03	2.41E-02	5.59E-13	1.31E-06	1.24E-06
5.29E+02	4.83E-03	2.41E-02	5.60E-13	1.31E-06	1.24E-06
5.30E+02	4.86E-03	2.42E-02	5.61E-13	1.31E-06	1.24E-06
5.31E+02	4.89E-03	2.42E-02	5.62E-13	1.31E-06	1.25E-06
5.32E+02	4.91E-03	2.42E-02	5.63E-13	1.32E-06	1.25E-06
5.33E+02	4.94E-03	2.43E-02	5.65E-13	1.32E-06	1.25E-06
5.34E+02	4.96E-03	2.43E-02	5.66E-13	1.32E-06	1.26E-06
5.35E+02	4.99E-03	2.44E-02	5.67E-13	1.32E-06	1.26E-06
5.36E+02	5.01E-03	2.44E-02	5.67E-13	1.33E-06	1.26E-06
5.37E+02	5.04E-03	2.44E-02	5.68E-13	1.33E-06	1.26E-06
5.38E+02	5.07E-03	2.45E-02	5.69E-13	1.33E-06	1.27E-06
5.39E+02	5.09E-03	2.45E-02	5.70E-13	1.33E-06	1.27E-06
5.40E+02	5.11E-03	2.45E-02	5.71E-13	1.34E-06	1.27E-06
5.41E+02	5.14E-03	2.46E-02	5.72E-13	1.34E-06	1.27E-06
5.42E+02	5.16E-03	2.46E-02	5.73E-13	1.34E-06	1.28E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.43E+02	5.19E-03	2.46E-02	5.74E-13	1.34E-06	1.28E-06
5.44E+02	5.21E-03	2.47E-02	5.74E-13	1.35E-06	1.28E-06
5.45E+02	5.24E-03	2.47E-02	5.75E-13	1.35E-06	1.28E-06
5.46E+02	5.26E-03	2.47E-02	5.76E-13	1.35E-06	1.29E-06
5.47E+02	5.28E-03	2.48E-02	5.76E-13	1.35E-06	1.29E-06
5.48E+02	5.31E-03	2.48E-02	5.77E-13	1.35E-06	1.29E-06
5.49E+02	5.33E-03	2.48E-02	5.78E-13	1.35E-06	1.29E-06
5.50E+02	5.35E-03	2.48E-02	5.78E-13	1.36E-06	1.29E-06
5.51E+02	5.37E-03	2.49E-02	5.79E-13	1.36E-06	1.30E-06
5.52E+02	5.40E-03	2.49E-02	5.80E-13	1.36E-06	1.30E-06
5.53E+02	5.42E-03	2.49E-02	5.80E-13	1.36E-06	1.30E-06
5.54E+02	5.44E-03	2.49E-02	5.81E-13	1.36E-06	1.30E-06
5.55E+02	5.46E-03	2.49E-02	5.81E-13	1.36E-06	1.30E-06
5.56E+02	5.48E-03	2.50E-02	5.82E-13	1.36E-06	1.30E-06
5.57E+02	5.51E-03	2.50E-02	5.82E-13	1.37E-06	1.31E-06
5.58E+02	5.53E-03	2.50E-02	5.83E-13	1.37E-06	1.31E-06
5.59E+02	5.55E-03	2.50E-02	5.83E-13	1.37E-06	1.31E-06
5.60E+02	5.57E-03	2.50E-02	5.84E-13	1.37E-06	1.31E-06
5.61E+02	5.59E-03	2.51E-02	5.84E-13	1.37E-06	1.31E-06
5.62E+02	5.61E-03	2.51E-02	5.84E-13	1.37E-06	1.31E-06
5.63E+02	5.63E-03	2.51E-02	5.85E-13	1.37E-06	1.31E-06
5.64E+02	5.65E-03	2.51E-02	5.85E-13	1.37E-06	1.32E-06
5.65E+02	5.67E-03	2.51E-02	5.86E-13	1.37E-06	1.32E-06
5.66E+02	5.69E-03	2.51E-02	5.86E-13	1.38E-06	1.32E-06
5.67E+02	5.71E-03	2.51E-02	5.86E-13	1.38E-06	1.32E-06
5.68E+02	5.73E-03	2.51E-02	5.86E-13	1.38E-06	1.32E-06
5.69E+02	5.75E-03	2.51E-02	5.87E-13	1.38E-06	1.32E-06
5.70E+02	5.76E-03	2.51E-02	5.87E-13	1.38E-06	1.32E-06
5.71E+02	5.78E-03	2.52E-02	5.87E-13	1.38E-06	1.32E-06
5.72E+02	5.80E-03	2.52E-02	5.87E-13	1.38E-06	1.32E-06
5.73E+02	5.82E-03	2.52E-02	5.88E-13	1.38E-06	1.32E-06
5.74E+02	5.84E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06
5.75E+02	5.86E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06
5.76E+02	5.87E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06
5.77E+02	5.89E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06
5.78E+02	5.91E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06
5.79E+02	5.92E-03	2.52E-02	5.88E-13	1.38E-06	1.33E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.80E+02	5.94E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.81E+02	5.96E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.82E+02	5.97E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.83E+02	5.99E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.84E+02	6.01E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.85E+02	6.02E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.86E+02	6.04E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.87E+02	6.05E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.88E+02	6.07E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.89E+02	6.08E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.90E+02	6.10E-03	2.52E-02	5.89E-13	1.38E-06	1.33E-06
5.91E+02	6.11E-03	2.51E-02	5.89E-13	1.38E-06	1.33E-06
5.92E+02	6.13E-03	2.51E-02	5.89E-13	1.38E-06	1.33E-06
5.93E+02	6.14E-03	2.51E-02	5.89E-13	1.38E-06	1.33E-06
5.94E+02	6.16E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
5.95E+02	6.17E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
5.96E+02	6.18E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
5.97E+02	6.20E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
5.98E+02	6.21E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
5.99E+02	6.22E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
6.00E+02	6.24E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
6.01E+02	6.25E-03	2.51E-02	5.88E-13	1.38E-06	1.33E-06
6.02E+02	6.26E-03	2.50E-02	5.87E-13	1.38E-06	1.33E-06
6.03E+02	6.28E-03	2.50E-02	5.87E-13	1.38E-06	1.33E-06
6.04E+02	6.29E-03	2.50E-02	5.87E-13	1.38E-06	1.33E-06
6.05E+02	6.30E-03	2.50E-02	5.87E-13	1.38E-06	1.33E-06
6.06E+02	6.31E-03	2.50E-02	5.87E-13	1.38E-06	1.33E-06
6.07E+02	6.32E-03	2.50E-02	5.86E-13	1.38E-06	1.33E-06
6.08E+02	6.33E-03	2.50E-02	5.86E-13	1.38E-06	1.33E-06
6.09E+02	6.35E-03	2.50E-02	5.86E-13	1.38E-06	1.33E-06
6.10E+02	6.36E-03	2.49E-02	5.86E-13	1.37E-06	1.33E-06
6.11E+02	6.37E-03	2.49E-02	5.85E-13	1.37E-06	1.33E-06
6.12E+02	6.38E-03	2.49E-02	5.85E-13	1.37E-06	1.33E-06
6.13E+02	6.39E-03	2.49E-02	5.85E-13	1.37E-06	1.33E-06
6.14E+02	6.40E-03	2.49E-02	5.85E-13	1.37E-06	1.32E-06
6.15E+02	6.41E-03	2.49E-02	5.84E-13	1.37E-06	1.32E-06
6.16E+02	6.42E-03	2.48E-02	5.84E-13	1.37E-06	1.32E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.17E+02	6.43E-03	2.48E-02	5.84E-13	1.37E-06	1.32E-06
6.18E+02	6.44E-03	2.48E-02	5.83E-13	1.37E-06	1.32E-06
6.19E+02	6.45E-03	2.48E-02	5.83E-13	1.37E-06	1.32E-06
6.20E+02	6.46E-03	2.48E-02	5.83E-13	1.37E-06	1.32E-06
6.21E+02	6.47E-03	2.48E-02	5.82E-13	1.37E-06	1.32E-06
6.22E+02	6.48E-03	2.47E-02	5.82E-13	1.36E-06	1.32E-06
6.23E+02	6.49E-03	2.47E-02	5.82E-13	1.36E-06	1.32E-06
6.24E+02	6.50E-03	2.47E-02	5.81E-13	1.36E-06	1.32E-06
6.25E+02	6.51E-03	2.47E-02	5.81E-13	1.36E-06	1.32E-06
6.26E+02	6.52E-03	2.47E-02	5.81E-13	1.36E-06	1.32E-06
6.27E+02	6.52E-03	2.46E-02	5.80E-13	1.36E-06	1.31E-06
6.28E+02	6.53E-03	2.46E-02	5.80E-13	1.36E-06	1.31E-06
6.29E+02	6.54E-03	2.46E-02	5.80E-13	1.36E-06	1.31E-06
6.30E+02	6.55E-03	2.46E-02	5.79E-13	1.36E-06	1.31E-06
6.31E+02	6.56E-03	2.45E-02	5.79E-13	1.36E-06	1.31E-06
6.32E+02	6.56E-03	2.45E-02	5.78E-13	1.35E-06	1.31E-06
6.33E+02	6.57E-03	2.45E-02	5.78E-13	1.35E-06	1.31E-06
6.34E+02	6.58E-03	2.45E-02	5.78E-13	1.35E-06	1.31E-06
6.35E+02	6.59E-03	2.45E-02	5.77E-13	1.35E-06	1.31E-06
6.36E+02	6.59E-03	2.44E-02	5.77E-13	1.35E-06	1.31E-06
6.37E+02	6.60E-03	2.44E-02	5.76E-13	1.35E-06	1.31E-06
6.38E+02	6.61E-03	2.44E-02	5.76E-13	1.35E-06	1.30E-06
6.39E+02	6.61E-03	2.44E-02	5.75E-13	1.35E-06	1.30E-06
6.40E+02	6.62E-03	2.43E-02	5.75E-13	1.35E-06	1.30E-06
6.41E+02	6.63E-03	2.43E-02	5.75E-13	1.34E-06	1.30E-06
6.42E+02	6.63E-03	2.43E-02	5.74E-13	1.34E-06	1.30E-06
6.43E+02	6.64E-03	2.43E-02	5.74E-13	1.34E-06	1.30E-06
6.44E+02	6.65E-03	2.42E-02	5.73E-13	1.34E-06	1.30E-06
6.45E+02	6.65E-03	2.42E-02	5.73E-13	1.34E-06	1.30E-06
6.46E+02	6.66E-03	2.42E-02	5.72E-13	1.34E-06	1.30E-06
6.47E+02	6.66E-03	2.42E-02	5.72E-13	1.34E-06	1.29E-06
6.48E+02	6.67E-03	2.41E-02	5.71E-13	1.33E-06	1.29E-06
6.49E+02	6.68E-03	2.41E-02	5.71E-13	1.33E-06	1.29E-06
6.50E+02	6.68E-03	2.41E-02	5.70E-13	1.33E-06	1.29E-06
6.51E+02	6.69E-03	2.41E-02	5.70E-13	1.33E-06	1.29E-06
6.52E+02	6.69E-03	2.40E-02	5.70E-13	1.33E-06	1.29E-06
6.53E+02	6.70E-03	2.40E-02	5.69E-13	1.33E-06	1.29E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.54E+02	6.70E-03	2.40E-02	5.69E-13	1.33E-06	1.29E-06
6.55E+02	6.71E-03	2.40E-02	5.68E-13	1.33E-06	1.28E-06
6.56E+02	6.71E-03	2.39E-02	5.68E-13	1.32E-06	1.28E-06
6.57E+02	6.71E-03	2.39E-02	5.67E-13	1.32E-06	1.28E-06
6.58E+02	6.72E-03	2.39E-02	5.67E-13	1.32E-06	1.28E-06
6.59E+02	6.72E-03	2.38E-02	5.66E-13	1.32E-06	1.28E-06
6.60E+02	6.73E-03	2.38E-02	5.66E-13	1.32E-06	1.28E-06
6.61E+02	6.73E-03	2.38E-02	5.65E-13	1.32E-06	1.28E-06
6.62E+02	6.74E-03	2.38E-02	5.65E-13	1.31E-06	1.27E-06
6.63E+02	6.74E-03	2.37E-02	5.64E-13	1.31E-06	1.27E-06
6.64E+02	6.74E-03	2.37E-02	5.64E-13	1.31E-06	1.27E-06
6.65E+02	6.75E-03	2.37E-02	5.63E-13	1.31E-06	1.27E-06
6.66E+02	6.75E-03	2.37E-02	5.63E-13	1.31E-06	1.27E-06
6.67E+02	6.75E-03	2.36E-02	5.62E-13	1.31E-06	1.27E-06
6.68E+02	6.76E-03	2.36E-02	5.62E-13	1.31E-06	1.27E-06
6.69E+02	6.76E-03	2.36E-02	5.61E-13	1.30E-06	1.26E-06
6.70E+02	6.76E-03	2.35E-02	5.61E-13	1.30E-06	1.26E-06
6.71E+02	6.77E-03	2.35E-02	5.60E-13	1.30E-06	1.26E-06
6.72E+02	6.77E-03	2.35E-02	5.60E-13	1.30E-06	1.26E-06
6.73E+02	6.77E-03	2.34E-02	5.59E-13	1.30E-06	1.26E-06
6.74E+02	6.77E-03	2.34E-02	5.59E-13	1.30E-06	1.26E-06
6.75E+02	6.78E-03	2.34E-02	5.58E-13	1.30E-06	1.26E-06
6.76E+02	6.78E-03	2.34E-02	5.58E-13	1.29E-06	1.25E-06
6.77E+02	6.78E-03	2.33E-02	5.57E-13	1.29E-06	1.25E-06
6.78E+02	6.78E-03	2.33E-02	5.56E-13	1.29E-06	1.25E-06
6.79E+02	6.79E-03	2.33E-02	5.56E-13	1.29E-06	1.25E-06
6.80E+02	6.79E-03	2.32E-02	5.55E-13	1.29E-06	1.25E-06
6.81E+02	6.79E-03	2.32E-02	5.55E-13	1.29E-06	1.25E-06
6.82E+02	6.79E-03	2.32E-02	5.54E-13	1.28E-06	1.25E-06
6.83E+02	6.79E-03	2.32E-02	5.54E-13	1.28E-06	1.24E-06
6.84E+02	6.79E-03	2.31E-02	5.53E-13	1.28E-06	1.24E-06
6.85E+02	6.80E-03	2.31E-02	5.53E-13	1.28E-06	1.24E-06
6.86E+02	6.80E-03	2.31E-02	5.52E-13	1.28E-06	1.24E-06
6.87E+02	6.80E-03	2.30E-02	5.52E-13	1.28E-06	1.24E-06
6.88E+02	6.80E-03	2.30E-02	5.51E-13	1.27E-06	1.24E-06
6.89E+02	6.80E-03	2.30E-02	5.51E-13	1.27E-06	1.23E-06
6.90E+02	6.80E-03	2.29E-02	5.50E-13	1.27E-06	1.23E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.91E+02	6.80E-03	2.29E-02	5.50E-13	1.27E-06	1.23E-06
6.92E+02	6.80E-03	2.29E-02	5.49E-13	1.27E-06	1.23E-06
6.93E+02	6.81E-03	2.29E-02	5.49E-13	1.27E-06	1.23E-06
6.94E+02	6.81E-03	2.28E-02	5.48E-13	1.26E-06	1.23E-06
6.95E+02	6.81E-03	2.28E-02	5.48E-13	1.26E-06	1.23E-06
6.96E+02	6.81E-03	2.28E-02	5.47E-13	1.26E-06	1.22E-06
6.97E+02	6.81E-03	2.27E-02	5.47E-13	1.26E-06	1.22E-06
6.98E+02	6.81E-03	2.27E-02	5.46E-13	1.26E-06	1.22E-06
6.99E+02	6.81E-03	2.27E-02	5.45E-13	1.26E-06	1.22E-06
7.00E+02	6.81E-03	2.26E-02	5.45E-13	1.25E-06	1.22E-06
7.01E+02	6.81E-03	2.26E-02	5.44E-13	1.25E-06	1.22E-06
7.02E+02	6.81E-03	2.26E-02	5.44E-13	1.25E-06	1.21E-06
7.03E+02	6.81E-03	2.25E-02	5.43E-13	1.25E-06	1.21E-06
7.04E+02	6.81E-03	2.25E-02	5.43E-13	1.25E-06	1.21E-06
7.05E+02	6.81E-03	2.25E-02	5.42E-13	1.25E-06	1.21E-06
7.06E+02	6.81E-03	2.25E-02	5.42E-13	1.24E-06	1.21E-06
7.07E+02	6.81E-03	2.24E-02	5.41E-13	1.24E-06	1.21E-06
7.08E+02	6.81E-03	2.24E-02	5.41E-13	1.24E-06	1.20E-06
7.09E+02	6.81E-03	2.24E-02	5.40E-13	1.24E-06	1.20E-06
7.10E+02	6.81E-03	2.23E-02	5.40E-13	1.24E-06	1.20E-06
7.11E+02	6.81E-03	2.23E-02	5.39E-13	1.24E-06	1.20E-06
7.12E+02	6.81E-03	2.23E-02	5.39E-13	1.23E-06	1.20E-06
7.13E+02	6.81E-03	2.22E-02	5.38E-13	1.23E-06	1.20E-06
7.14E+02	6.81E-03	2.22E-02	5.38E-13	1.23E-06	1.20E-06
7.15E+02	6.80E-03	2.22E-02	5.37E-13	1.23E-06	1.19E-06
7.16E+02	6.80E-03	2.21E-02	5.37E-13	1.23E-06	1.19E-06
7.17E+02	6.80E-03	2.21E-02	5.36E-13	1.23E-06	1.19E-06
7.18E+02	6.80E-03	2.21E-02	5.36E-13	1.22E-06	1.19E-06
7.19E+02	6.80E-03	2.21E-02	5.35E-13	1.22E-06	1.19E-06
7.20E+02	6.80E-03	2.20E-02	5.35E-13	1.22E-06	1.19E-06
7.21E+02	6.80E-03	2.20E-02	5.34E-13	1.22E-06	1.18E-06
7.22E+02	6.80E-03	2.20E-02	5.34E-13	1.22E-06	1.18E-06
7.23E+02	6.80E-03	2.19E-02	5.33E-13	1.22E-06	1.18E-06
7.24E+02	6.79E-03	2.19E-02	5.33E-13	1.21E-06	1.18E-06
7.25E+02	6.79E-03	2.19E-02	5.32E-13	1.21E-06	1.18E-06
7.26E+02	6.79E-03	2.18E-02	5.32E-13	1.21E-06	1.18E-06
7.27E+02	6.79E-03	2.18E-02	5.31E-13	1.21E-06	1.17E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.28E+02	6.79E-03	2.18E-02	5.31E-13	1.21E-06	1.17E-06
7.29E+02	6.79E-03	2.17E-02	5.30E-13	1.21E-06	1.17E-06
7.30E+02	6.79E-03	2.17E-02	5.30E-13	1.20E-06	1.17E-06
7.31E+02	6.78E-03	2.17E-02	5.29E-13	1.20E-06	1.17E-06
7.32E+02	6.78E-03	2.17E-02	5.29E-13	1.20E-06	1.17E-06
7.33E+02	6.78E-03	2.16E-02	5.28E-13	1.20E-06	1.16E-06
7.34E+02	6.78E-03	2.16E-02	5.28E-13	1.20E-06	1.16E-06
7.35E+02	6.78E-03	2.16E-02	5.27E-13	1.20E-06	1.16E-06
7.36E+02	6.77E-03	2.15E-02	5.27E-13	1.19E-06	1.16E-06
7.37E+02	6.77E-03	2.15E-02	5.26E-13	1.19E-06	1.16E-06
7.38E+02	6.77E-03	2.15E-02	5.26E-13	1.19E-06	1.16E-06
7.39E+02	6.77E-03	2.14E-02	5.25E-13	1.19E-06	1.15E-06
7.40E+02	6.77E-03	2.14E-02	5.25E-13	1.19E-06	1.15E-06
7.41E+02	6.76E-03	2.14E-02	5.24E-13	1.19E-06	1.15E-06
7.42E+02	6.76E-03	2.13E-02	5.24E-13	1.18E-06	1.15E-06
7.43E+02	6.76E-03	2.13E-02	5.23E-13	1.18E-06	1.15E-06
7.44E+02	6.76E-03	2.13E-02	5.23E-13	1.18E-06	1.15E-06
7.45E+02	6.75E-03	2.13E-02	5.22E-13	1.18E-06	1.14E-06
7.46E+02	6.75E-03	2.12E-02	5.22E-13	1.18E-06	1.14E-06
7.47E+02	6.75E-03	2.12E-02	5.21E-13	1.18E-06	1.14E-06
7.48E+02	6.75E-03	2.12E-02	5.21E-13	1.17E-06	1.14E-06
7.49E+02	6.74E-03	2.11E-02	5.20E-13	1.17E-06	1.14E-06
7.50E+02	6.74E-03	2.11E-02	5.20E-13	1.17E-06	1.14E-06
7.51E+02	6.74E-03	2.11E-02	5.20E-13	1.17E-06	1.14E-06
7.52E+02	6.74E-03	2.10E-02	5.19E-13	1.17E-06	1.13E-06
7.53E+02	6.73E-03	2.10E-02	5.19E-13	1.17E-06	1.13E-06
7.54E+02	6.73E-03	2.10E-02	5.18E-13	1.16E-06	1.13E-06
7.55E+02	6.73E-03	2.09E-02	5.18E-13	1.16E-06	1.13E-06
7.56E+02	6.72E-03	2.09E-02	5.17E-13	1.16E-06	1.13E-06
7.57E+02	6.72E-03	2.09E-02	5.17E-13	1.16E-06	1.13E-06
7.58E+02	6.72E-03	2.09E-02	5.16E-13	1.16E-06	1.12E-06
7.59E+02	6.72E-03	2.08E-02	5.16E-13	1.16E-06	1.12E-06
7.60E+02	6.71E-03	2.08E-02	5.15E-13	1.15E-06	1.12E-06
7.61E+02	6.71E-03	2.08E-02	5.15E-13	1.15E-06	1.12E-06
7.62E+02	6.71E-03	2.07E-02	5.15E-13	1.15E-06	1.12E-06
7.63E+02	6.70E-03	2.07E-02	5.14E-13	1.15E-06	1.12E-06
7.64E+02	6.70E-03	2.07E-02	5.14E-13	1.15E-06	1.11E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.65E+02	6.70E-03	2.06E-02	5.13E-13	1.15E-06	1.11E-06
7.66E+02	6.69E-03	2.06E-02	5.13E-13	1.14E-06	1.11E-06
7.67E+02	6.69E-03	2.06E-02	5.12E-13	1.14E-06	1.11E-06
7.68E+02	6.69E-03	2.06E-02	5.12E-13	1.14E-06	1.11E-06
7.69E+02	6.68E-03	2.05E-02	5.12E-13	1.14E-06	1.11E-06
7.70E+02	6.68E-03	2.05E-02	5.11E-13	1.14E-06	1.10E-06
7.71E+02	6.68E-03	2.05E-02	5.11E-13	1.14E-06	1.10E-06
7.72E+02	6.67E-03	2.04E-02	5.10E-13	1.13E-06	1.10E-06
7.73E+02	6.67E-03	2.04E-02	5.10E-13	1.13E-06	1.10E-06
7.74E+02	6.67E-03	2.04E-02	5.09E-13	1.13E-06	1.10E-06
7.75E+02	6.66E-03	2.03E-02	5.09E-13	1.13E-06	1.10E-06
7.76E+02	6.66E-03	2.03E-02	5.09E-13	1.13E-06	1.09E-06
7.77E+02	6.65E-03	2.03E-02	5.08E-13	1.13E-06	1.09E-06
7.78E+02	6.65E-03	2.03E-02	5.08E-13	1.12E-06	1.09E-06
7.79E+02	6.65E-03	2.02E-02	5.07E-13	1.12E-06	1.09E-06
7.80E+02	6.64E-03	2.02E-02	5.07E-13	1.12E-06	1.09E-06
7.81E+02	6.64E-03	2.02E-02	5.07E-13	1.12E-06	1.09E-06
7.82E+02	6.64E-03	2.01E-02	5.06E-13	1.12E-06	1.09E-06
7.83E+02	6.63E-03	2.01E-02	5.06E-13	1.12E-06	1.08E-06
7.84E+02	6.63E-03	2.01E-02	5.05E-13	1.11E-06	1.08E-06
7.85E+02	6.62E-03	2.00E-02	5.05E-13	1.11E-06	1.08E-06
7.86E+02	6.62E-03	2.00E-02	5.05E-13	1.11E-06	1.08E-06
7.87E+02	6.62E-03	2.00E-02	5.04E-13	1.11E-06	1.08E-06
7.88E+02	6.61E-03	2.00E-02	5.04E-13	1.11E-06	1.08E-06
7.89E+02	6.61E-03	1.99E-02	5.03E-13	1.11E-06	1.07E-06
7.90E+02	6.60E-03	1.99E-02	5.03E-13	1.10E-06	1.07E-06
7.91E+02	6.60E-03	1.99E-02	5.03E-13	1.10E-06	1.07E-06
7.92E+02	6.60E-03	1.98E-02	5.02E-13	1.10E-06	1.07E-06
7.93E+02	6.59E-03	1.98E-02	5.02E-13	1.10E-06	1.07E-06
7.94E+02	6.59E-03	1.98E-02	5.02E-13	1.10E-06	1.07E-06
7.95E+02	6.58E-03	1.98E-02	5.01E-13	1.10E-06	1.07E-06
7.96E+02	6.58E-03	1.97E-02	5.01E-13	1.09E-06	1.06E-06
7.97E+02	6.58E-03	1.97E-02	5.00E-13	1.09E-06	1.06E-06
7.98E+02	6.57E-03	1.97E-02	5.00E-13	1.09E-06	1.06E-06
7.99E+02	6.57E-03	1.96E-02	5.00E-13	1.09E-06	1.06E-06
8.00E+02	6.56E-03	1.96E-02	4.99E-13	1.09E-06	1.06E-06
8.01E+02	6.56E-03	1.96E-02	4.99E-13	1.09E-06	1.06E-06



Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.02E+02	6.55E-03	1.96E-02	4.99E-13	1.09E-06	1.05E-06
8.03E+02	6.55E-03	1.95E-02	4.98E-13	1.08E-06	1.05E-06
8.04E+02	6.55E-03	1.95E-02	4.98E-13	1.08E-06	1.05E-06
8.05E+02	6.54E-03	1.95E-02	4.98E-13	1.08E-06	1.05E-06
8.06E+02	6.54E-03	1.94E-02	4.97E-13	1.08E-06	1.05E-06
8.07E+02	6.53E-03	1.94E-02	4.97E-13	1.08E-06	1.05E-06
8.08E+02	6.53E-03	1.94E-02	4.97E-13	1.08E-06	1.05E-06
8.09E+02	6.52E-03	1.94E-02	4.96E-13	1.07E-06	1.04E-06
8.10E+02	6.52E-03	1.93E-02	4.96E-13	1.07E-06	1.04E-06
8.11E+02	6.51E-03	1.93E-02	4.96E-13	1.07E-06	1.04E-06
8.12E+02	6.51E-03	1.93E-02	4.95E-13	1.07E-06	1.04E-06
8.13E+02	6.51E-03	1.92E-02	4.95E-13	1.07E-06	1.04E-06
8.14E+02	6.50E-03	1.92E-02	4.95E-13	1.07E-06	1.04E-06
8.15E+02	6.50E-03	1.92E-02	4.94E-13	1.06E-06	1.03E-06
8.16E+02	6.49E-03	1.92E-02	4.94E-13	1.06E-06	1.03E-06
8.17E+02	6.49E-03	1.91E-02	4.94E-13	1.06E-06	1.03E-06
8.18E+02	6.48E-03	1.91E-02	4.93E-13	1.06E-06	1.03E-06
8.19E+02	6.48E-03	1.91E-02	4.93E-13	1.06E-06	1.03E-06
8.20E+02	6.47E-03	1.90E-02	4.93E-13	1.06E-06	1.03E-06
8.21E+02	6.47E-03	1.90E-02	4.92E-13	1.06E-06	1.03E-06
8.22E+02	6.46E-03	1.90E-02	4.92E-13	1.05E-06	1.02E-06
8.23E+02	6.46E-03	1.90E-02	4.92E-13	1.05E-06	1.02E-06
8.24E+02	6.45E-03	1.89E-02	4.91E-13	1.05E-06	1.02E-06
8.25E+02	6.45E-03	1.89E-02	4.91E-13	1.05E-06	1.02E-06
8.26E+02	6.45E-03	1.89E-02	4.91E-13	1.05E-06	1.02E-06
8.27E+02	6.44E-03	1.88E-02	4.90E-13	1.05E-06	1.02E-06
8.28E+02	6.44E-03	1.88E-02	4.90E-13	1.04E-06	1.02E-06
8.29E+02	6.43E-03	1.88E-02	4.90E-13	1.04E-06	1.01E-06
8.30E+02	6.43E-03	1.88E-02	4.90E-13	1.04E-06	1.01E-06
8.31E+02	6.42E-03	1.87E-02	4.89E-13	1.04E-06	1.01E-06
8.32E+02	6.42E-03	1.87E-02	4.89E-13	1.04E-06	1.01E-06
8.33E+02	6.41E-03	1.87E-02	4.89E-13	1.04E-06	1.01E-06
8.34E+02	6.41E-03	1.87E-02	4.88E-13	1.04E-06	1.01E-06
8.35E+02	6.40E-03	1.86E-02	4.88E-13	1.03E-06	1.00E-06
8.36E+02	6.40E-03	1.86E-02	4.88E-13	1.03E-06	1.00E-06
8.37E+02	6.39E-03	1.86E-02	4.88E-13	1.03E-06	1.00E-06
8.38E+02	6.39E-03	1.85E-02	4.87E-13	1.03E-06	1.00E-06

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.39E+02	6.38E-03	1.85E-02	4.87E-13	1.03E-06	9.99E-07
8.40E+02	6.38E-03	1.85E-02	4.87E-13	1.03E-06	9.98E-07
8.41E+02	6.37E-03	1.85E-02	4.86E-13	1.03E-06	9.96E-07
8.42E+02	6.37E-03	1.84E-02	4.86E-13	1.02E-06	9.95E-07
8.43E+02	6.36E-03	1.84E-02	4.86E-13	1.02E-06	9.93E-07
8.44E+02	6.36E-03	1.84E-02	4.86E-13	1.02E-06	9.92E-07
8.45E+02	6.35E-03	1.84E-02	4.85E-13	1.02E-06	9.90E-07
8.46E+02	6.35E-03	1.83E-02	4.85E-13	1.02E-06	9.89E-07
8.47E+02	6.34E-03	1.83E-02	4.85E-13	1.02E-06	9.88E-07
8.48E+02	6.34E-03	1.83E-02	4.85E-13	1.02E-06	9.86E-07
8.49E+02	6.33E-03	1.83E-02	4.84E-13	1.01E-06	9.85E-07
8.50E+02	6.33E-03	1.82E-02	4.84E-13	1.01E-06	9.83E-07
8.51E+02	6.32E-03	1.82E-02	4.84E-13	1.01E-06	9.82E-07
8.52E+02	6.32E-03	1.82E-02	4.84E-13	1.01E-06	9.80E-07
8.53E+02	6.31E-03	1.81E-02	4.83E-13	1.01E-06	9.79E-07
8.54E+02	6.31E-03	1.81E-02	4.83E-13	1.01E-06	9.78E-07
8.55E+02	6.30E-03	1.81E-02	4.83E-13	1.00E-06	9.76E-07
8.56E+02	6.30E-03	1.81E-02	4.83E-13	1.00E-06	9.75E-07
8.57E+02	6.29E-03	1.80E-02	4.82E-13	1.00E-06	9.73E-07
8.58E+02	6.29E-03	1.80E-02	4.82E-13	1.00E-06	9.72E-07
8.59E+02	6.28E-03	1.80E-02	4.82E-13	9.99E-07	9.71E-07
8.60E+02	6.28E-03	1.80E-02	4.82E-13	9.98E-07	9.69E-07
8.61E+02	6.27E-03	1.79E-02	4.81E-13	9.96E-07	9.68E-07
8.62E+02	6.27E-03	1.79E-02	4.81E-13	9.95E-07	9.66E-07
8.63E+02	6.26E-03	1.79E-02	4.81E-13	9.93E-07	9.65E-07
8.64E+02	6.26E-03	1.79E-02	4.81E-13	9.92E-07	9.64E-07
8.65E+02	6.25E-03	1.78E-02	4.81E-13	9.91E-07	9.62E-07
8.66E+02	6.25E-03	1.78E-02	4.80E-13	9.89E-07	9.61E-07
8.67E+02	6.24E-03	1.78E-02	4.80E-13	9.88E-07	9.59E-07
8.68E+02	6.24E-03	1.78E-02	4.80E-13	9.86E-07	9.58E-07
8.69E+02	6.23E-03	1.77E-02	4.80E-13	9.85E-07	9.57E-07
8.70E+02	6.23E-03	1.77E-02	4.79E-13	9.84E-07	9.55E-07
8.71E+02	6.22E-03	1.77E-02	4.79E-13	9.82E-07	9.54E-07
8.72E+02	6.22E-03	1.77E-02	4.79E-13	9.81E-07	9.53E-07
8.73E+02	6.21E-03	1.76E-02	4.79E-13	9.79E-07	9.51E-07
8.74E+02	6.21E-03	1.76E-02	4.79E-13	9.78E-07	9.50E-07
8.75E+02	6.20E-03	1.76E-02	4.78E-13	9.76E-07	9.48E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.76E+02	6.20E-03	1.76E-02	4.78E-13	9.75E-07	9.47E-07
8.77E+02	6.19E-03	1.75E-02	4.78E-13	9.74E-07	9.46E-07
8.78E+02	6.18E-03	1.75E-02	4.78E-13	9.72E-07	9.44E-07
8.79E+02	6.18E-03	1.75E-02	4.78E-13	9.71E-07	9.43E-07
8.80E+02	6.17E-03	1.75E-02	4.77E-13	9.70E-07	9.42E-07
8.81E+02	6.17E-03	1.74E-02	4.77E-13	9.68E-07	9.40E-07
8.82E+02	6.16E-03	1.74E-02	4.77E-13	9.67E-07	9.39E-07
8.83E+02	6.16E-03	1.74E-02	4.77E-13	9.65E-07	9.38E-07
8.84E+02	6.15E-03	1.73E-02	4.77E-13	9.64E-07	9.36E-07
8.85E+02	6.15E-03	1.73E-02	4.77E-13	9.63E-07	9.35E-07
8.86E+02	6.14E-03	1.73E-02	4.76E-13	9.61E-07	9.34E-07
8.87E+02	6.14E-03	1.73E-02	4.76E-13	9.60E-07	9.32E-07
8.88E+02	6.13E-03	1.73E-02	4.76E-13	9.59E-07	9.31E-07
8.89E+02	6.13E-03	1.72E-02	4.76E-13	9.57E-07	9.30E-07
8.90E+02	6.12E-03	1.72E-02	4.76E-13	9.56E-07	9.28E-07
8.91E+02	6.12E-03	1.72E-02	4.75E-13	9.54E-07	9.27E-07
8.92E+02	6.11E-03	1.72E-02	4.75E-13	9.53E-07	9.26E-07
8.93E+02	6.11E-03	1.71E-02	4.75E-13	9.52E-07	9.24E-07
8.94E+02	6.10E-03	1.71E-02	4.75E-13	9.50E-07	9.23E-07
8.95E+02	6.10E-03	1.71E-02	4.75E-13	9.49E-07	9.22E-07
8.96E+02	6.09E-03	1.71E-02	4.75E-13	9.48E-07	9.21E-07
8.97E+02	6.09E-03	1.70E-02	4.75E-13	9.46E-07	9.19E-07
8.98E+02	6.08E-03	1.70E-02	4.74E-13	9.45E-07	9.18E-07
8.99E+02	6.07E-03	1.70E-02	4.74E-13	9.44E-07	9.17E-07
9.00E+02	6.07E-03	1.70E-02	4.74E-13	9.42E-07	9.15E-07
9.01E+02	6.06E-03	1.69E-02	4.74E-13	9.41E-07	9.14E-07
9.02E+02	6.06E-03	1.69E-02	4.74E-13	9.40E-07	9.13E-07
9.03E+02	6.05E-03	1.69E-02	4.74E-13	9.38E-07	9.11E-07
9.04E+02	6.05E-03	1.69E-02	4.73E-13	9.37E-07	9.10E-07
9.05E+02	6.04E-03	1.68E-02	4.73E-13	9.36E-07	9.09E-07
9.06E+02	6.04E-03	1.68E-02	4.73E-13	9.34E-07	9.08E-07
9.07E+02	6.03E-03	1.68E-02	4.73E-13	9.33E-07	9.06E-07
9.08E+02	6.03E-03	1.68E-02	4.73E-13	9.32E-07	9.05E-07
9.09E+02	6.02E-03	1.67E-02	4.73E-13	9.30E-07	9.04E-07
9.10E+02	6.02E-03	1.67E-02	4.73E-13	9.29E-07	9.02E-07
9.11E+02	6.01E-03	1.67E-02	4.73E-13	9.28E-07	9.01E-07
9.12E+02	6.01E-03	1.67E-02	4.72E-13	9.27E-07	9.00E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.13E+02	6.00E-03	1.66E-02	4.72E-13	9.25E-07	8.99E-07
9.14E+02	6.00E-03	1.66E-02	4.72E-13	9.24E-07	8.97E-07
9.15E+02	5.99E-03	1.66E-02	4.72E-13	9.23E-07	8.96E-07
9.16E+02	5.98E-03	1.66E-02	4.72E-13	9.21E-07	8.95E-07
9.17E+02	5.98E-03	1.66E-02	4.72E-13	9.20E-07	8.94E-07
9.18E+02	5.97E-03	1.65E-02	4.72E-13	9.19E-07	8.92E-07
9.19E+02	5.97E-03	1.65E-02	4.72E-13	9.18E-07	8.91E-07
9.20E+02	5.96E-03	1.65E-02	4.71E-13	9.16E-07	8.90E-07
9.21E+02	5.96E-03	1.65E-02	4.71E-13	9.15E-07	8.89E-07
9.22E+02	5.95E-03	1.64E-02	4.71E-13	9.14E-07	8.87E-07
9.23E+02	5.95E-03	1.64E-02	4.71E-13	9.12E-07	8.86E-07
9.24E+02	5.94E-03	1.64E-02	4.71E-13	9.11E-07	8.85E-07
9.25E+02	5.94E-03	1.64E-02	4.71E-13	9.10E-07	8.84E-07
9.26E+02	5.93E-03	1.63E-02	4.71E-13	9.09E-07	8.82E-07
9.27E+02	5.93E-03	1.63E-02	4.71E-13	9.07E-07	8.81E-07
9.28E+02	5.92E-03	1.63E-02	4.71E-13	9.06E-07	8.80E-07
9.29E+02	5.92E-03	1.63E-02	4.71E-13	9.05E-07	8.79E-07
9.30E+02	5.91E-03	1.62E-02	4.70E-13	9.04E-07	8.77E-07
9.31E+02	5.90E-03	1.62E-02	4.70E-13	9.02E-07	8.76E-07
9.32E+02	5.90E-03	1.62E-02	4.70E-13	9.01E-07	8.75E-07
9.33E+02	5.89E-03	1.62E-02	4.70E-13	9.00E-07	8.74E-07
9.34E+02	5.89E-03	1.62E-02	4.70E-13	8.99E-07	8.73E-07
9.35E+02	5.88E-03	1.61E-02	4.70E-13	8.97E-07	8.71E-07
9.36E+02	5.88E-03	1.61E-02	4.70E-13	8.96E-07	8.70E-07
9.37E+02	5.87E-03	1.61E-02	4.70E-13	8.95E-07	8.69E-07
9.38E+02	5.87E-03	1.61E-02	4.70E-13	8.94E-07	8.68E-07
9.39E+02	5.86E-03	1.60E-02	4.70E-13	8.92E-07	8.67E-07
9.40E+02	5.86E-03	1.60E-02	4.70E-13	8.91E-07	8.65E-07
9.41E+02	5.85E-03	1.60E-02	4.69E-13	8.90E-07	8.64E-07
9.42E+02	5.85E-03	1.60E-02	4.69E-13	8.89E-07	8.63E-07
9.43E+02	5.84E-03	1.60E-02	4.69E-13	8.87E-07	8.62E-07
9.44E+02	5.84E-03	1.59E-02	4.69E-13	8.86E-07	8.61E-07
9.45E+02	5.83E-03	1.59E-02	4.69E-13	8.85E-07	8.59E-07
9.46E+02	5.83E-03	1.59E-02	4.69E-13	8.84E-07	8.58E-07
9.47E+02	5.82E-03	1.59E-02	4.69E-13	8.83E-07	8.57E-07
9.48E+02	5.82E-03	1.58E-02	4.69E-13	8.81E-07	8.56E-07
9.49E+02	5.81E-03	1.58E-02	4.69E-13	8.80E-07	8.55E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.50E+02	5.80E-03	1.58E-02	4.69E-13	8.79E-07	8.53E-07
9.51E+02	5.80E-03	1.58E-02	4.69E-13	8.78E-07	8.52E-07
9.52E+02	5.79E-03	1.58E-02	4.69E-13	8.76E-07	8.51E-07
9.53E+02	5.79E-03	1.57E-02	4.69E-13	8.75E-07	8.50E-07
9.54E+02	5.78E-03	1.57E-02	4.69E-13	8.74E-07	8.49E-07
9.55E+02	5.78E-03	1.57E-02	4.69E-13	8.73E-07	8.48E-07
9.56E+02	5.77E-03	1.57E-02	4.69E-13	8.72E-07	8.46E-07
9.57E+02	5.77E-03	1.56E-02	4.69E-13	8.70E-07	8.45E-07
9.58E+02	5.76E-03	1.56E-02	4.68E-13	8.69E-07	8.44E-07
9.59E+02	5.76E-03	1.56E-02	4.68E-13	8.68E-07	8.43E-07
9.60E+02	5.75E-03	1.56E-02	4.68E-13	8.67E-07	8.42E-07
9.61E+02	5.75E-03	1.56E-02	4.68E-13	8.66E-07	8.41E-07
9.62E+02	5.74E-03	1.55E-02	4.68E-13	8.65E-07	8.39E-07
9.63E+02	5.74E-03	1.55E-02	4.68E-13	8.63E-07	8.38E-07
9.64E+02	5.73E-03	1.55E-02	4.68E-13	8.62E-07	8.37E-07
9.65E+02	5.73E-03	1.55E-02	4.68E-13	8.61E-07	8.36E-07
9.66E+02	5.72E-03	1.55E-02	4.68E-13	8.60E-07	8.35E-07
9.67E+02	5.72E-03	1.54E-02	4.68E-13	8.59E-07	8.34E-07
9.68E+02	5.71E-03	1.54E-02	4.68E-13	8.57E-07	8.33E-07
9.69E+02	5.70E-03	1.54E-02	4.68E-13	8.56E-07	8.31E-07
9.70E+02	5.70E-03	1.54E-02	4.68E-13	8.55E-07	8.30E-07
9.71E+02	5.69E-03	1.53E-02	4.68E-13	8.54E-07	8.29E-07
9.72E+02	5.69E-03	1.53E-02	4.68E-13	8.53E-07	8.28E-07
9.73E+02	5.68E-03	1.53E-02	4.68E-13	8.52E-07	8.27E-07
9.74E+02	5.68E-03	1.53E-02	4.68E-13	8.51E-07	8.26E-07
9.75E+02	5.67E-03	1.53E-02	4.68E-13	8.49E-07	8.25E-07
9.76E+02	5.67E-03	1.52E-02	4.68E-13	8.48E-07	8.24E-07
9.77E+02	5.66E-03	1.52E-02	4.68E-13	8.47E-07	8.22E-07
9.78E+02	5.66E-03	1.52E-02	4.68E-13	8.46E-07	8.21E-07
9.79E+02	5.65E-03	1.52E-02	4.68E-13	8.45E-07	8.20E-07
9.80E+02	5.65E-03	1.52E-02	4.68E-13	8.44E-07	8.19E-07
9.81E+02	5.64E-03	1.51E-02	4.68E-13	8.42E-07	8.18E-07
9.82E+02	5.64E-03	1.51E-02	4.68E-13	8.41E-07	8.17E-07
9.83E+02	5.63E-03	1.51E-02	4.68E-13	8.40E-07	8.16E-07
9.84E+02	5.63E-03	1.51E-02	4.68E-13	8.39E-07	8.15E-07
9.85E+02	5.62E-03	1.51E-02	4.68E-13	8.38E-07	8.14E-07
9.86E+02	5.62E-03	1.50E-02	4.68E-13	8.37E-07	8.12E-07

Table 4. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.87E+02	5.61E-03	1.50E-02	4.68E-13	8.36E-07	8.11E-07
9.88E+02	5.61E-03	1.50E-02	4.68E-13	8.35E-07	8.10E-07
9.89E+02	5.60E-03	1.50E-02	4.68E-13	8.33E-07	8.09E-07
9.90E+02	5.60E-03	1.50E-02	4.68E-13	8.32E-07	8.08E-07
9.91E+02	5.59E-03	1.49E-02	4.68E-13	8.31E-07	8.07E-07
9.92E+02	5.59E-03	1.49E-02	4.68E-13	8.30E-07	8.06E-07
9.93E+02	5.58E-03	1.49E-02	4.68E-13	8.29E-07	8.05E-07
9.94E+02	5.57E-03	1.49E-02	4.68E-13	8.28E-07	8.04E-07
9.95E+02	5.57E-03	1.48E-02	4.68E-13	8.27E-07	8.03E-07
9.96E+02	5.56E-03	1.48E-02	4.68E-13	8.26E-07	8.02E-07
9.97E+02	5.56E-03	1.48E-02	4.68E-13	8.25E-07	8.01E-07
9.98E+02	5.55E-03	1.48E-02	4.68E-13	8.23E-07	7.99E-07
9.99E+02	5.55E-03	1.48E-02	4.68E-13	8.22E-07	7.98E-07
1.00E+03	5.54E-03	1.47E-02	4.68E-13	8.21E-07	7.97E-07

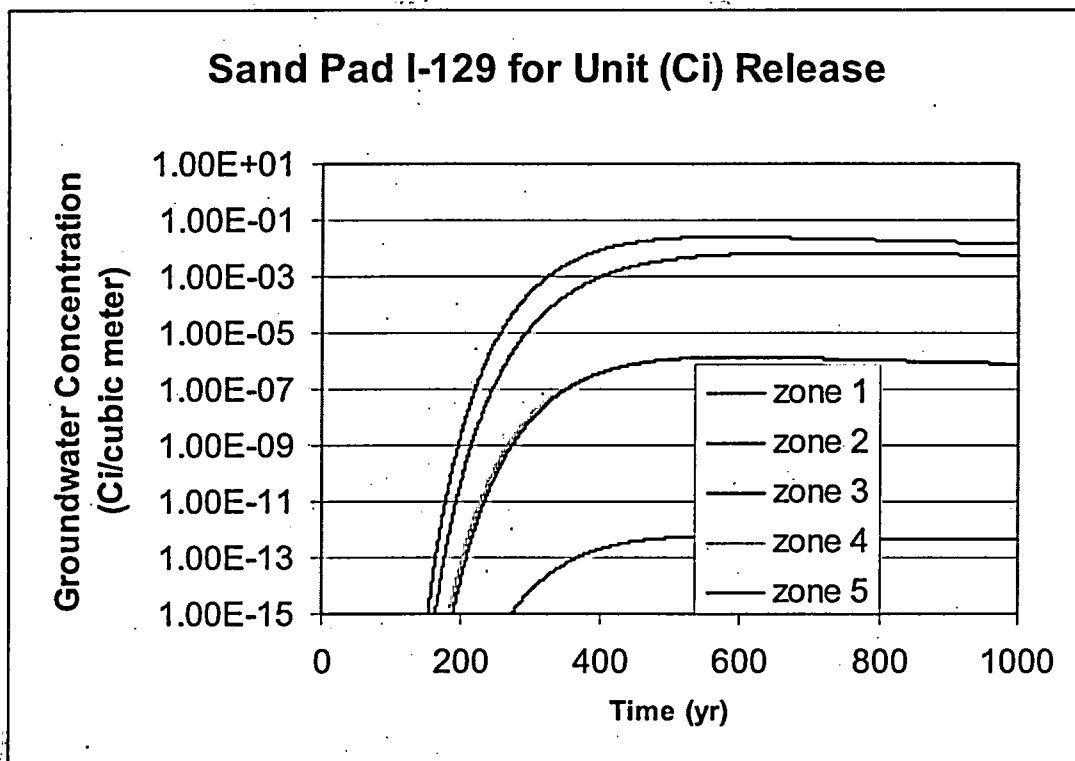


Figure 5.  $^{129}\text{I}$  groundwater concentrations at selected locations for a unit Ci release from the sandpad.

Table 5. Groundwater concentrations for <sup>99</sup>Tc unit Ci release from the sandpad.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.01E+02	1.60E-15	1.86E-13	2.38E-24	5.81E-20	7.52E-28
1.02E+02	2.80E-14	2.48E-12	3.59E-23	5.99E-18	7.00E-21
1.03E+02	2.82E-13	2.21E-11	3.36E-22	7.97E-17	8.57E-19
1.04E+02	2.05E-12	1.43E-10	2.27E-21	7.08E-16	1.47E-17
1.05E+02	1.17E-11	7.31E-10	1.20E-20	4.64E-15	1.47E-16
1.06E+02	5.49E-11	3.10E-09	5.28E-20	2.41E-14	1.08E-15
1.07E+02	2.21E-10	1.14E-08	1.99E-19	1.04E-13	6.22E-15
1.08E+02	7.83E-10	3.69E-08	6.65E-19	3.88E-13	2.95E-14
1.09E+02	2.48E-09	1.08E-07	2.00E-18	1.28E-12	1.20E-13
1.10E+02	7.17E-09	2.91E-07	5.46E-18	3.83E-12	4.25E-13
1.11E+02	1.91E-08	7.23E-07	1.38E-17	1.04E-11	1.35E-12
1.12E+02	4.71E-08	1.67E-06	3.24E-17	2.63E-11	3.91E-12
1.13E+02	1.09E-07	3.63E-06	7.12E-17	6.17E-11	1.04E-11
1.14E+02	2.37E-07	7.44E-06	1.48E-16	1.36E-10	2.57E-11
1.15E+02	4.90E-07	1.45E-05	2.91E-16	2.83E-10	5.93E-11
1.16E+02	9.66E-07	2.71E-05	5.49E-16	5.59E-10	1.29E-10
1.17E+02	1.82E-06	4.84E-05	9.90E-16	1.06E-09	2.65E-10
1.18E+02	3.30E-06	8.32E-05	1.72E-15	1.91E-09	5.20E-10
1.19E+02	5.76E-06	1.38E-04	2.87E-15	3.33E-09	9.75E-10
1.20E+02	9.71E-06	2.21E-04	4.63E-15	5.58E-09	1.75E-09
1.21E+02	1.60E-05	3.46E-04	6.60E-15	8.49E-09	3.06E-09
1.22E+02	2.55E-05	5.26E-04	1.02E-14	1.24E-08	5.05E-09
1.23E+02	3.92E-05	7.71E-04	1.51E-14	1.86E-08	7.55E-09
1.24E+02	5.93E-05	1.11E-03	2.20E-14	2.81E-08	1.12E-08
1.25E+02	8.66E-05	1.56E-03	3.11E-14	4.09E-08	1.68E-08
1.26E+02	1.25E-04	2.15E-03	4.33E-14	5.88E-08	2.51E-08
1.27E+02	1.75E-04	2.89E-03	5.87E-14	8.19E-08	3.65E-08
1.28E+02	2.43E-04	3.84E-03	7.86E-14	1.13E-07	5.25E-08
1.29E+02	3.27E-04	4.97E-03	1.03E-13	1.51E-07	7.32E-08
1.30E+02	4.38E-04	6.38E-03	1.33E-13	2.00E-07	1.01E-07
1.31E+02	5.71E-04	8.00E-03	1.68E-13	2.59E-07	1.35E-07
1.32E+02	7.40E-04	9.96E-03	2.10E-13	3.32E-07	1.80E-07
1.33E+02	9.38E-04	1.22E-02	2.58E-13	4.17E-07	2.33E-07
1.34E+02	1.18E-03	1.47E-02	3.14E-13	5.19E-07	2.99E-07
1.35E+02	1.46E-03	1.75E-02	3.76E-13	6.33E-07	3.76E-07



Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.36E+02	1.79E-03	2.07E-02	4.47E-13	7.68E-07	4.69E-07
1.37E+02	2.16E-03	2.42E-02	5.23E-13	9.14E-07	5.74E-07
1.38E+02	2.60E-03	2.80E-02	6.09E-13	1.08E-06	6.97E-07
1.39E+02	3.07E-03	3.19E-02	6.98E-13	1.26E-06	8.33E-07
1.40E+02	3.61E-03	3.63E-02	7.96E-13	1.46E-06	9.88E-07
1.41E+02	4.20E-03	4.07E-02	8.97E-13	1.67E-06	1.15E-06
1.42E+02	4.85E-03	4.55E-02	1.01E-12	1.90E-06	1.34E-06
1.43E+02	5.54E-03	5.03E-02	1.11E-12	2.14E-06	1.54E-06
1.44E+02	6.30E-03	5.53E-02	1.23E-12	2.39E-06	1.75E-06
1.45E+02	7.09E-03	6.03E-02	1.34E-12	2.64E-06	1.97E-06
1.46E+02	7.94E-03	6.54E-02	1.46E-12	2.91E-06	2.21E-06
1.47E+02	8.82E-03	7.04E-02	1.58E-12	3.18E-06	2.45E-06
1.48E+02	9.76E-03	7.55E-02	1.70E-12	3.46E-06	2.70E-06
1.49E+02	1.07E-02	8.04E-02	1.81E-12	3.73E-06	2.96E-06
1.50E+02	1.17E-02	8.53E-02	1.93E-12	4.00E-06	3.22E-06
1.51E+02	1.27E-02	8.99E-02	2.04E-12	4.27E-06	3.48E-06
1.52E+02	1.37E-02	9.45E-02	2.15E-12	4.54E-06	3.74E-06
1.53E+02	1.48E-02	9.88E-02	2.25E-12	4.79E-06	4.00E-06
1.54E+02	1.58E-02	1.03E-01	2.35E-12	5.05E-06	4.26E-06
1.55E+02	1.69E-02	1.07E-01	2.44E-12	5.29E-06	4.51E-06
1.56E+02	1.79E-02	1.11E-01	2.53E-12	5.52E-06	4.75E-06
1.57E+02	1.90E-02	1.14E-01	2.61E-12	5.74E-06	4.98E-06
1.58E+02	2.00E-02	1.17E-01	2.69E-12	5.95E-06	5.21E-06
1.59E+02	2.10E-02	1.20E-01	2.76E-12	6.14E-06	5.42E-06
1.60E+02	2.20E-02	1.23E-01	2.83E-12	6.32E-06	5.63E-06
1.61E+02	2.30E-02	1.25E-01	2.89E-12	6.49E-06	5.82E-06
1.62E+02	2.40E-02	1.27E-01	2.94E-12	6.64E-06	6.00E-06
1.63E+02	2.49E-02	1.29E-01	2.99E-12	6.78E-06	6.16E-06
1.64E+02	2.58E-02	1.31E-01	3.03E-12	6.91E-06	6.32E-06
1.65E+02	2.66E-02	1.32E-01	3.07E-12	7.02E-06	6.45E-06
1.66E+02	2.75E-02	1.34E-01	3.10E-12	7.12E-06	6.58E-06
1.67E+02	2.82E-02	1.35E-01	3.13E-12	7.21E-06	6.70E-06
1.68E+02	2.90E-02	1.36E-01	3.15E-12	7.29E-06	6.80E-06
1.69E+02	2.97E-02	1.36E-01	3.17E-12	7.35E-06	6.89E-06
1.70E+02	3.04E-02	1.37E-01	3.19E-12	7.41E-06	6.97E-06
1.71E+02	3.10E-02	1.37E-01	3.20E-12	7.45E-06	7.03E-06
1.72E+02	3.17E-02	1.37E-01	3.21E-12	7.49E-06	7.09E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.73E+02	3.22E-02	1.38E-01	3.21E-12	7.51E-06	7.14E-06
1.74E+02	3.27E-02	1.38E-01	3.22E-12	7.53E-06	7.18E-06
1.75E+02	3.32E-02	1.37E-01	3.22E-12	7.54E-06	7.21E-06
1.76E+02	3.37E-02	1.37E-01	3.21E-12	7.54E-06	7.23E-06
1.77E+02	3.41E-02	1.37E-01	3.21E-12	7.54E-06	7.24E-06
1.78E+02	3.45E-02	1.36E-01	3.20E-12	7.53E-06	7.25E-06
1.79E+02	3.49E-02	1.36E-01	3.19E-12	7.52E-06	7.25E-06
1.80E+02	3.52E-02	1.35E-01	3.18E-12	7.50E-06	7.24E-06
1.81E+02	3.55E-02	1.35E-01	3.17E-12	7.47E-06	7.23E-06
1.82E+02	3.58E-02	1.34E-01	3.16E-12	7.45E-06	7.21E-06
1.83E+02	3.60E-02	1.33E-01	3.15E-12	7.42E-06	7.19E-06
1.84E+02	3.63E-02	1.32E-01	3.13E-12	7.38E-06	7.17E-06
1.85E+02	3.65E-02	1.32E-01	3.12E-12	7.34E-06	7.14E-06
1.86E+02	3.66E-02	1.31E-01	3.10E-12	7.30E-06	7.11E-06
1.87E+02	3.68E-02	1.30E-01	3.09E-12	7.26E-06	7.08E-06
1.88E+02	3.69E-02	1.29E-01	3.07E-12	7.22E-06	7.04E-06
1.89E+02	3.70E-02	1.28E-01	3.06E-12	7.17E-06	7.00E-06
1.90E+02	3.71E-02	1.27E-01	3.04E-12	7.12E-06	6.96E-06
1.91E+02	3.72E-02	1.26E-01	3.02E-12	7.08E-06	6.92E-06
1.92E+02	3.72E-02	1.25E-01	3.01E-12	7.03E-06	6.87E-06
1.93E+02	3.73E-02	1.24E-01	2.99E-12	6.98E-06	6.83E-06
1.94E+02	3.73E-02	1.23E-01	2.97E-12	6.93E-06	6.78E-06
1.95E+02	3.73E-02	1.23E-01	2.96E-12	6.88E-06	6.73E-06
1.96E+02	3.73E-02	1.22E-01	2.94E-12	6.82E-06	6.69E-06
1.97E+02	3.73E-02	1.21E-01	2.93E-12	6.77E-06	6.64E-06
1.98E+02	3.73E-02	1.20E-01	2.91E-12	6.72E-06	6.59E-06
1.99E+02	3.72E-02	1.19E-01	2.89E-12	6.67E-06	6.54E-06
2.00E+02	3.72E-02	1.18E-01	2.88E-12	6.62E-06	6.49E-06
2.01E+02	3.71E-02	1.17E-01	2.86E-12	6.56E-06	6.44E-06
2.02E+02	3.71E-02	1.16E-01	2.85E-12	6.51E-06	6.39E-06
2.03E+02	3.70E-02	1.15E-01	2.83E-12	6.46E-06	6.34E-06
2.04E+02	3.69E-02	1.14E-01	2.82E-12	6.41E-06	6.29E-06
2.05E+02	3.68E-02	1.13E-01	2.81E-12	6.35E-06	6.24E-06
2.06E+02	3.67E-02	1.12E-01	2.79E-12	6.30E-06	6.19E-06
2.07E+02	3.66E-02	1.11E-01	2.78E-12	6.25E-06	6.14E-06
2.08E+02	3.65E-02	1.10E-01	2.77E-12	6.20E-06	6.09E-06
2.09E+02	3.64E-02	1.09E-01	2.75E-12	6.15E-06	6.04E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.10E+02	3.63E-02	1.08E-01	2.74E-12	6.10E-06	5.99E-06
2.11E+02	3.62E-02	1.08E-01	2.73E-12	6.05E-06	5.94E-06
2.12E+02	3.61E-02	1.07E-01	2.72E-12	6.00E-06	5.90E-06
2.13E+02	3.59E-02	1.06E-01	2.71E-12	5.95E-06	5.85E-06
2.14E+02	3.58E-02	1.05E-01	2.70E-12	5.90E-06	5.80E-06
2.15E+02	3.57E-02	1.04E-01	2.69E-12	5.86E-06	5.75E-06
2.16E+02	3.55E-02	1.03E-01	2.68E-12	5.81E-06	5.71E-06
2.17E+02	3.54E-02	1.02E-01	2.67E-12	5.76E-06	5.66E-06
2.18E+02	3.52E-02	1.02E-01	2.66E-12	5.72E-06	5.61E-06
2.19E+02	3.51E-02	1.01E-01	2.65E-12	5.67E-06	5.57E-06
2.20E+02	3.50E-02	9.99E-02	2.65E-12	5.62E-06	5.52E-06
2.21E+02	3.48E-02	9.90E-02	2.64E-12	5.58E-06	5.48E-06
2.22E+02	3.47E-02	9.82E-02	2.63E-12	5.53E-06	5.44E-06
2.23E+02	3.45E-02	9.74E-02	2.62E-12	5.49E-06	5.39E-06
2.24E+02	3.43E-02	9.67E-02	2.62E-12	5.44E-06	5.35E-06
2.25E+02	3.42E-02	9.59E-02	2.61E-12	5.40E-06	5.30E-06
2.26E+02	3.40E-02	9.51E-02	2.61E-12	5.36E-06	5.26E-06
2.27E+02	3.39E-02	9.43E-02	2.60E-12	5.32E-06	5.22E-06
2.28E+02	3.37E-02	9.36E-02	2.60E-12	5.27E-06	5.18E-06
2.29E+02	3.36E-02	9.28E-02	2.59E-12	5.23E-06	5.14E-06
2.30E+02	3.34E-02	9.21E-02	2.59E-12	5.19E-06	5.10E-06
2.31E+02	3.32E-02	9.14E-02	2.58E-12	5.15E-06	5.06E-06
2.32E+02	3.31E-02	9.07E-02	2.58E-12	5.11E-06	5.02E-06
2.33E+02	3.29E-02	8.99E-02	2.58E-12	5.07E-06	4.98E-06
2.34E+02	3.28E-02	8.92E-02	2.58E-12	5.03E-06	4.94E-06
2.35E+02	3.26E-02	8.85E-02	2.57E-12	4.99E-06	4.90E-06
2.36E+02	3.25E-02	8.79E-02	2.57E-12	4.95E-06	4.86E-06
2.37E+02	3.23E-02	8.72E-02	2.57E-12	4.91E-06	4.82E-06
2.38E+02	3.21E-02	8.65E-02	2.57E-12	4.88E-06	4.79E-06
2.39E+02	3.20E-02	8.58E-02	2.57E-12	4.84E-06	4.75E-06
2.40E+02	3.18E-02	8.52E-02	2.57E-12	4.80E-06	4.71E-06
2.41E+02	3.17E-02	8.45E-02	2.56E-12	4.77E-06	4.68E-06
2.42E+02	3.15E-02	8.39E-02	2.56E-12	4.73E-06	4.64E-06
2.43E+02	3.13E-02	8.32E-02	2.56E-12	4.69E-06	4.61E-06
2.44E+02	3.12E-02	8.26E-02	2.56E-12	4.66E-06	4.57E-06
2.45E+02	3.10E-02	8.19E-02	2.56E-12	4.62E-06	4.54E-06
2.46E+02	3.09E-02	8.13E-02	2.57E-12	4.59E-06	4.50E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.47E+02	3.07E-02	8.07E-02	2.57E-12	4.55E-06	4.47E-06
2.48E+02	3.06E-02	8.01E-02	2.57E-12	4.52E-06	4.44E-06
2.49E+02	3.04E-02	7.95E-02	2.57E-12	4.49E-06	4.40E-06
2.50E+02	3.03E-02	7.89E-02	2.57E-12	4.45E-06	4.37E-06
2.51E+02	3.01E-02	7.83E-02	2.57E-12	4.42E-06	4.34E-06
2.52E+02	3.00E-02	7.77E-02	2.58E-12	4.39E-06	4.30E-06
2.53E+02	2.98E-02	7.71E-02	2.58E-12	4.36E-06	4.27E-06
2.54E+02	2.97E-02	7.66E-02	2.58E-12	4.33E-06	4.24E-06
2.55E+02	2.95E-02	7.60E-02	2.58E-12	4.29E-06	4.21E-06
2.56E+02	2.94E-02	7.55E-02	2.59E-12	4.26E-06	4.18E-06
2.57E+02	2.92E-02	7.49E-02	2.59E-12	4.23E-06	4.15E-06
2.58E+02	2.91E-02	7.44E-02	2.59E-12	4.20E-06	4.12E-06
2.59E+02	2.89E-02	7.38E-02	2.60E-12	4.17E-06	4.09E-06
2.60E+02	2.88E-02	7.33E-02	2.60E-12	4.14E-06	4.06E-06
2.61E+02	2.86E-02	7.27E-02	2.60E-12	4.11E-06	4.03E-06
2.62E+02	2.85E-02	7.22E-02	2.61E-12	4.08E-06	4.00E-06
2.63E+02	2.83E-02	7.17E-02	2.61E-12	4.05E-06	3.97E-06
2.64E+02	2.82E-02	7.12E-02	2.62E-12	4.03E-06	3.95E-06
2.65E+02	2.80E-02	7.07E-02	2.62E-12	4.00E-06	3.92E-06
2.66E+02	2.79E-02	7.02E-02	2.63E-12	3.97E-06	3.89E-06
2.67E+02	2.78E-02	6.97E-02	2.63E-12	3.94E-06	3.86E-06
2.68E+02	2.76E-02	6.92E-02	2.64E-12	3.91E-06	3.84E-06
2.69E+02	2.75E-02	6.87E-02	2.64E-12	3.89E-06	3.81E-06
2.70E+02	2.73E-02	6.82E-02	2.65E-12	3.86E-06	3.78E-06
2.71E+02	2.72E-02	6.77E-02	2.65E-12	3.83E-06	3.76E-06
2.72E+02	2.71E-02	6.72E-02	2.66E-12	3.81E-06	3.73E-06
2.73E+02	2.69E-02	6.68E-02	2.66E-12	3.78E-06	3.70E-06
2.74E+02	2.68E-02	6.63E-02	2.67E-12	3.76E-06	3.68E-06
2.75E+02	2.67E-02	6.58E-02	2.67E-12	3.73E-06	3.65E-06
2.76E+02	2.65E-02	6.54E-02	2.68E-12	3.71E-06	3.63E-06
2.77E+02	2.64E-02	6.49E-02	2.69E-12	3.68E-06	3.61E-06
2.78E+02	2.63E-02	6.45E-02	2.69E-12	3.66E-06	3.58E-06
2.79E+02	2.61E-02	6.41E-02	2.70E-12	3.63E-06	3.56E-06
2.80E+02	2.60E-02	6.36E-02	2.71E-12	3.61E-06	3.53E-06
2.81E+02	2.59E-02	6.32E-02	2.71E-12	3.58E-06	3.51E-06
2.82E+02	2.58E-02	6.28E-02	2.72E-12	3.56E-06	3.49E-06
2.83E+02	2.56E-02	6.23E-02	2.72E-12	3.54E-06	3.46E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.84E+02	2.55E-02	6.19E-02	2.73E-12	3.51E-06	3.44E-06
2.85E+02	2.54E-02	6.15E-02	2.74E-12	3.49E-06	3.42E-06
2.86E+02	2.53E-02	6.11E-02	2.74E-12	3.47E-06	3.40E-06
2.87E+02	2.51E-02	6.07E-02	2.75E-12	3.45E-06	3.37E-06
2.88E+02	2.50E-02	6.03E-02	2.76E-12	3.42E-06	3.35E-06
2.89E+02	2.49E-02	5.99E-02	2.77E-12	3.40E-06	3.33E-06
2.90E+02	2.48E-02	5.95E-02	2.77E-12	3.38E-06	3.31E-06
2.91E+02	2.47E-02	5.91E-02	2.78E-12	3.36E-06	3.29E-06
2.92E+02	2.45E-02	5.87E-02	2.79E-12	3.34E-06	3.27E-06
2.93E+02	2.44E-02	5.83E-02	2.79E-12	3.32E-06	3.24E-06
2.94E+02	2.43E-02	5.79E-02	2.80E-12	3.30E-06	3.22E-06
2.95E+02	2.42E-02	5.76E-02	2.81E-12	3.27E-06	3.20E-06
2.96E+02	2.41E-02	5.72E-02	2.82E-12	3.25E-06	3.18E-06
2.97E+02	2.40E-02	5.68E-02	2.82E-12	3.23E-06	3.16E-06
2.98E+02	2.39E-02	5.65E-02	2.83E-12	3.21E-06	3.14E-06
2.99E+02	2.37E-02	5.61E-02	2.84E-12	3.19E-06	3.12E-06
3.00E+02	2.36E-02	5.57E-02	2.84E-12	3.17E-06	3.10E-06
3.01E+02	2.35E-02	5.54E-02	2.85E-12	3.15E-06	3.09E-06
3.02E+02	2.34E-02	5.50E-02	2.86E-12	3.14E-06	3.07E-06
3.03E+02	2.33E-02	5.47E-02	2.87E-12	3.12E-06	3.05E-06
3.04E+02	2.32E-02	5.43E-02	2.87E-12	3.10E-06	3.03E-06
3.05E+02	2.31E-02	5.40E-02	2.88E-12	3.08E-06	3.01E-06
3.06E+02	2.30E-02	5.36E-02	2.89E-12	3.06E-06	2.99E-06
3.07E+02	2.29E-02	5.33E-02	2.90E-12	3.04E-06	2.97E-06
3.08E+02	2.28E-02	5.30E-02	2.90E-12	3.02E-06	2.96E-06
3.09E+02	2.27E-02	5.26E-02	2.91E-12	3.00E-06	2.94E-06
3.10E+02	2.26E-02	5.23E-02	2.92E-12	2.99E-06	2.92E-06
3.11E+02	2.24E-02	5.20E-02	2.92E-12	2.97E-06	2.90E-06
3.12E+02	2.23E-02	5.17E-02	2.93E-12	2.95E-06	2.89E-06
3.13E+02	2.22E-02	5.14E-02	2.94E-12	2.93E-06	2.87E-06
3.14E+02	2.21E-02	5.10E-02	2.95E-12	2.92E-06	2.85E-06
3.15E+02	2.20E-02	5.07E-02	2.95E-12	2.90E-06	2.83E-06
3.16E+02	2.19E-02	5.04E-02	2.96E-12	2.88E-06	2.82E-06
3.17E+02	2.18E-02	5.01E-02	2.97E-12	2.87E-06	2.80E-06
3.18E+02	2.17E-02	4.98E-02	2.97E-12	2.85E-06	2.78E-06
3.19E+02	2.16E-02	4.95E-02	2.98E-12	2.83E-06	2.77E-06
3.20E+02	2.15E-02	4.92E-02	2.99E-12	2.82E-06	2.75E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.21E+02	2.15E-02	4.89E-02	3.00E-12	2.80E-06	2.74E-06
3.22E+02	2.14E-02	4.86E-02	3.00E-12	2.78E-06	2.72E-06
3.23E+02	2.13E-02	4.83E-02	3.01E-12	2.77E-06	2.71E-06
3.24E+02	2.12E-02	4.81E-02	3.02E-12	2.75E-06	2.69E-06
3.25E+02	2.11E-02	4.78E-02	3.02E-12	2.74E-06	2.67E-06
3.26E+02	2.10E-02	4.75E-02	3.03E-12	2.72E-06	2.66E-06
3.27E+02	2.09E-02	4.72E-02	3.04E-12	2.71E-06	2.64E-06
3.28E+02	2.08E-02	4.69E-02	3.04E-12	2.69E-06	2.63E-06
3.29E+02	2.07E-02	4.67E-02	3.05E-12	2.68E-06	2.61E-06
3.30E+02	2.06E-02	4.64E-02	3.06E-12	2.66E-06	2.60E-06
3.31E+02	2.05E-02	4.61E-02	3.06E-12	2.65E-06	2.59E-06
3.32E+02	2.04E-02	4.59E-02	3.07E-12	2.63E-06	2.57E-06
3.33E+02	2.03E-02	4.56E-02	3.08E-12	2.62E-06	2.56E-06
3.34E+02	2.03E-02	4.53E-02	3.08E-12	2.60E-06	2.54E-06
3.35E+02	2.02E-02	4.51E-02	3.09E-12	2.59E-06	2.53E-06
3.36E+02	2.01E-02	4.48E-02	3.10E-12	2.58E-06	2.51E-06
3.37E+02	2.00E-02	4.46E-02	3.10E-12	2.56E-06	2.50E-06
3.38E+02	1.99E-02	4.43E-02	3.11E-12	2.55E-06	2.49E-06
3.39E+02	1.98E-02	4.40E-02	3.12E-12	2.53E-06	2.47E-06
3.40E+02	1.97E-02	4.38E-02	3.12E-12	2.52E-06	2.46E-06
3.41E+02	1.97E-02	4.36E-02	3.13E-12	2.51E-06	2.45E-06
3.42E+02	1.96E-02	4.33E-02	3.14E-12	2.49E-06	2.43E-06
3.43E+02	1.95E-02	4.31E-02	3.14E-12	2.48E-06	2.42E-06
3.44E+02	1.94E-02	4.28E-02	3.15E-12	2.47E-06	2.41E-06
3.45E+02	1.93E-02	4.26E-02	3.15E-12	2.45E-06	2.40E-06
3.46E+02	1.92E-02	4.24E-02	3.16E-12	2.44E-06	2.38E-06
3.47E+02	1.92E-02	4.21E-02	3.17E-12	2.43E-06	2.37E-06
3.48E+02	1.91E-02	4.19E-02	3.17E-12	2.42E-06	2.36E-06
3.49E+02	1.90E-02	4.17E-02	3.18E-12	2.40E-06	2.35E-06
3.50E+02	1.89E-02	4.14E-02	3.18E-12	2.39E-06	2.33E-06
3.51E+02	1.88E-02	4.12E-02	3.19E-12	2.38E-06	2.32E-06
3.52E+02	1.88E-02	4.10E-02	3.19E-12	2.37E-06	2.31E-06
3.53E+02	1.87E-02	4.08E-02	3.20E-12	2.35E-06	2.30E-06
3.54E+02	1.86E-02	4.05E-02	3.21E-12	2.34E-06	2.29E-06
3.55E+02	1.85E-02	4.03E-02	3.21E-12	2.33E-06	2.27E-06
3.56E+02	1.85E-02	4.01E-02	3.22E-12	2.32E-06	2.26E-06
3.57E+02	1.84E-02	3.99E-02	3.22E-12	2.31E-06	2.25E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.58E+02	1.83E-02	3.97E-02	3.23E-12	2.29E-06	2.24E-06
3.59E+02	1.82E-02	3.95E-02	3.23E-12	2.28E-06	2.23E-06
3.60E+02	1.82E-02	3.93E-02	3.24E-12	2.27E-06	2.22E-06
3.61E+02	1.81E-02	3.91E-02	3.24E-12	2.26E-06	2.20E-06
3.62E+02	1.80E-02	3.88E-02	3.25E-12	2.25E-06	2.19E-06
3.63E+02	1.79E-02	3.86E-02	3.25E-12	2.24E-06	2.18E-06
3.64E+02	1.79E-02	3.84E-02	3.26E-12	2.23E-06	2.17E-06
3.65E+02	1.78E-02	3.82E-02	3.26E-12	2.22E-06	2.16E-06
3.66E+02	1.77E-02	3.80E-02	3.27E-12	2.20E-06	2.15E-06
3.67E+02	1.77E-02	3.78E-02	3.27E-12	2.19E-06	2.14E-06
3.68E+02	1.76E-02	3.76E-02	3.28E-12	2.18E-06	2.13E-06
3.69E+02	1.75E-02	3.75E-02	3.28E-12	2.17E-06	2.12E-06
3.70E+02	1.74E-02	3.73E-02	3.28E-12	2.16E-06	2.11E-06
3.71E+02	1.74E-02	3.71E-02	3.29E-12	2.15E-06	2.10E-06
3.72E+02	1.73E-02	3.69E-02	3.29E-12	2.14E-06	2.09E-06
3.73E+02	1.72E-02	3.67E-02	3.30E-12	2.13E-06	2.08E-06
3.74E+02	1.72E-02	3.65E-02	3.30E-12	2.12E-06	2.07E-06
3.75E+02	1.71E-02	3.63E-02	3.31E-12	2.11E-06	2.06E-06
3.76E+02	1.70E-02	3.61E-02	3.31E-12	2.10E-06	2.05E-06
3.77E+02	1.70E-02	3.60E-02	3.31E-12	2.09E-06	2.04E-06
3.78E+02	1.69E-02	3.58E-02	3.32E-12	2.08E-06	2.03E-06
3.79E+02	1.68E-02	3.56E-02	3.32E-12	2.07E-06	2.02E-06
3.80E+02	1.68E-02	3.54E-02	3.33E-12	2.06E-06	2.01E-06
3.81E+02	1.67E-02	3.52E-02	3.33E-12	2.05E-06	2.00E-06
3.82E+02	1.66E-02	3.51E-02	3.33E-12	2.04E-06	1.99E-06
3.83E+02	1.66E-02	3.49E-02	3.34E-12	2.03E-06	1.98E-06
3.84E+02	1.65E-02	3.47E-02	3.34E-12	2.02E-06	1.97E-06
3.85E+02	1.65E-02	3.45E-02	3.34E-12	2.01E-06	1.96E-06
3.86E+02	1.64E-02	3.44E-02	3.35E-12	2.00E-06	1.95E-06
3.87E+02	1.63E-02	3.42E-02	3.35E-12	1.99E-06	1.94E-06
3.88E+02	1.63E-02	3.40E-02	3.36E-12	1.99E-06	1.94E-06
3.89E+02	1.62E-02	3.39E-02	3.36E-12	1.98E-06	1.93E-06
3.90E+02	1.61E-02	3.37E-02	3.36E-12	1.97E-06	1.92E-06
3.91E+02	1.61E-02	3.35E-02	3.36E-12	1.96E-06	1.91E-06
3.92E+02	1.60E-02	3.34E-02	3.37E-12	1.95E-06	1.90E-06
3.93E+02	1.60E-02	3.32E-02	3.37E-12	1.94E-06	1.89E-06
3.94E+02	1.59E-02	3.31E-02	3.37E-12	1.93E-06	1.88E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.95E+02	1.58E-02	3.29E-02	3.38E-12	1.92E-06	1.87E-06
3.96E+02	1.58E-02	3.28E-02	3.38E-12	1.91E-06	1.87E-06
3.97E+02	1.57E-02	3.26E-02	3.38E-12	1.91E-06	1.86E-06
3.98E+02	1.57E-02	3.24E-02	3.39E-12	1.90E-06	1.85E-06
3.99E+02	1.56E-02	3.23E-02	3.39E-12	1.89E-06	1.84E-06
4.00E+02	1.55E-02	3.21E-02	3.39E-12	1.88E-06	1.83E-06
4.01E+02	1.55E-02	3.20E-02	3.39E-12	1.87E-06	1.82E-06
4.02E+02	1.54E-02	3.18E-02	3.40E-12	1.86E-06	1.82E-06
4.03E+02	1.54E-02	3.17E-02	3.40E-12	1.86E-06	1.81E-06
4.04E+02	1.53E-02	3.15E-02	3.40E-12	1.85E-06	1.80E-06
4.05E+02	1.53E-02	3.14E-02	3.40E-12	1.84E-06	1.79E-06
4.06E+02	1.52E-02	3.12E-02	3.41E-12	1.83E-06	1.78E-06
4.07E+02	1.51E-02	3.11E-02	3.41E-12	1.82E-06	1.78E-06
4.08E+02	1.51E-02	3.10E-02	3.41E-12	1.82E-06	1.77E-06
4.09E+02	1.50E-02	3.08E-02	3.41E-12	1.81E-06	1.76E-06
4.10E+02	1.50E-02	3.07E-02	3.41E-12	1.80E-06	1.75E-06
4.11E+02	1.49E-02	3.05E-02	3.42E-12	1.79E-06	1.75E-06
4.12E+02	1.49E-02	3.04E-02	3.42E-12	1.78E-06	1.74E-06
4.13E+02	1.48E-02	3.03E-02	3.42E-12	1.78E-06	1.73E-06
4.14E+02	1.48E-02	3.01E-02	3.42E-12	1.77E-06	1.72E-06
4.15E+02	1.47E-02	3.00E-02	3.42E-12	1.76E-06	1.72E-06
4.16E+02	1.47E-02	2.98E-02	3.42E-12	1.75E-06	1.71E-06
4.17E+02	1.46E-02	2.97E-02	3.43E-12	1.75E-06	1.70E-06
4.18E+02	1.46E-02	2.96E-02	3.43E-12	1.74E-06	1.69E-06
4.19E+02	1.45E-02	2.94E-02	3.43E-12	1.73E-06	1.69E-06
4.20E+02	1.44E-02	2.93E-02	3.43E-12	1.73E-06	1.68E-06
4.21E+02	1.44E-02	2.92E-02	3.43E-12	1.72E-06	1.67E-06
4.22E+02	1.43E-02	2.91E-02	3.43E-12	1.71E-06	1.67E-06
4.23E+02	1.43E-02	2.89E-02	3.43E-12	1.70E-06	1.66E-06
4.24E+02	1.42E-02	2.88E-02	3.44E-12	1.70E-06	1.65E-06
4.25E+02	1.42E-02	2.87E-02	3.44E-12	1.69E-06	1.65E-06
4.26E+02	1.41E-02	2.85E-02	3.44E-12	1.68E-06	1.64E-06
4.27E+02	1.41E-02	2.84E-02	3.44E-12	1.68E-06	1.63E-06
4.28E+02	1.40E-02	2.83E-02	3.44E-12	1.67E-06	1.62E-06
4.29E+02	1.40E-02	2.82E-02	3.44E-12	1.66E-06	1.62E-06
4.30E+02	1.39E-02	2.81E-02	3.44E-12	1.66E-06	1.61E-06
4.31E+02	1.39E-02	2.79E-02	3.44E-12	1.65E-06	1.60E-06



Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.32E+02	1.38E-02	2.78E-02	3.44E-12	1.64E-06	1.60E-06
4.33E+02	1.38E-02	2.77E-02	3.45E-12	1.64E-06	1.59E-06
4.34E+02	1.38E-02	2.76E-02	3.45E-12	1.63E-06	1.59E-06
4.35E+02	1.37E-02	2.75E-02	3.45E-12	1.62E-06	1.58E-06
4.36E+02	1.37E-02	2.73E-02	3.45E-12	1.62E-06	1.57E-06
4.37E+02	1.36E-02	2.72E-02	3.45E-12	1.61E-06	1.57E-06
4.38E+02	1.36E-02	2.71E-02	3.45E-12	1.60E-06	1.56E-06
4.39E+02	1.35E-02	2.70E-02	3.45E-12	1.60E-06	1.55E-06
4.40E+02	1.35E-02	2.69E-02	3.45E-12	1.59E-06	1.55E-06
4.41E+02	1.34E-02	2.68E-02	3.45E-12	1.58E-06	1.54E-06
4.42E+02	1.34E-02	2.66E-02	3.45E-12	1.58E-06	1.54E-06
4.43E+02	1.33E-02	2.65E-02	3.45E-12	1.57E-06	1.53E-06
4.44E+02	1.33E-02	2.64E-02	3.45E-12	1.57E-06	1.52E-06
4.45E+02	1.32E-02	2.63E-02	3.45E-12	1.56E-06	1.52E-06
4.46E+02	1.32E-02	2.62E-02	3.45E-12	1.55E-06	1.51E-06
4.47E+02	1.31E-02	2.61E-02	3.45E-12	1.55E-06	1.51E-06
4.48E+02	1.31E-02	2.60E-02	3.45E-12	1.54E-06	1.50E-06
4.49E+02	1.31E-02	2.59E-02	3.45E-12	1.53E-06	1.49E-06
4.50E+02	1.30E-02	2.58E-02	3.45E-12	1.53E-06	1.49E-06
4.51E+02	1.30E-02	2.57E-02	3.45E-12	1.52E-06	1.48E-06
4.52E+02	1.29E-02	2.56E-02	3.45E-12	1.52E-06	1.48E-06
4.53E+02	1.29E-02	2.55E-02	3.45E-12	1.51E-06	1.47E-06
4.54E+02	1.28E-02	2.54E-02	3.45E-12	1.51E-06	1.46E-06
4.55E+02	1.28E-02	2.52E-02	3.45E-12	1.50E-06	1.46E-06
4.56E+02	1.28E-02	2.51E-02	3.45E-12	1.49E-06	1.45E-06
4.57E+02	1.27E-02	2.50E-02	3.45E-12	1.49E-06	1.45E-06
4.58E+02	1.27E-02	2.49E-02	3.45E-12	1.48E-06	1.44E-06
4.59E+02	1.26E-02	2.48E-02	3.45E-12	1.48E-06	1.44E-06
4.60E+02	1.26E-02	2.47E-02	3.45E-12	1.47E-06	1.43E-06
4.61E+02	1.25E-02	2.46E-02	3.45E-12	1.47E-06	1.43E-06
4.62E+02	1.25E-02	2.45E-02	3.45E-12	1.46E-06	1.42E-06
4.63E+02	1.25E-02	2.44E-02	3.45E-12	1.45E-06	1.42E-06
4.64E+02	1.24E-02	2.43E-02	3.45E-12	1.45E-06	1.41E-06
4.65E+02	1.24E-02	2.42E-02	3.45E-12	1.44E-06	1.40E-06
4.66E+02	1.23E-02	2.42E-02	3.45E-12	1.44E-06	1.40E-06
4.67E+02	1.23E-02	2.41E-02	3.44E-12	1.43E-06	1.39E-06
4.68E+02	1.23E-02	2.40E-02	3.44E-12	1.43E-06	1.39E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.69E+02	1.22E-02	2.39E-02	3.44E-12	1.42E-06	1.38E-06
4.70E+02	1.22E-02	2.38E-02	3.44E-12	1.42E-06	1.38E-06
4.71E+02	1.21E-02	2.37E-02	3.44E-12	1.41E-06	1.37E-06
4.72E+02	1.21E-02	2.36E-02	3.44E-12	1.41E-06	1.37E-06
4.73E+02	1.21E-02	2.35E-02	3.44E-12	1.40E-06	1.36E-06
4.74E+02	1.20E-02	2.34E-02	3.44E-12	1.40E-06	1.36E-06
4.75E+02	1.20E-02	2.33E-02	3.44E-12	1.39E-06	1.35E-06
4.76E+02	1.19E-02	2.32E-02	3.44E-12	1.39E-06	1.35E-06
4.77E+02	1.19E-02	2.31E-02	3.44E-12	1.38E-06	1.34E-06
4.78E+02	1.19E-02	2.30E-02	3.43E-12	1.38E-06	1.34E-06
4.79E+02	1.18E-02	2.30E-02	3.43E-12	1.37E-06	1.33E-06
4.80E+02	1.18E-02	2.29E-02	3.43E-12	1.37E-06	1.33E-06
4.81E+02	1.17E-02	2.28E-02	3.43E-12	1.36E-06	1.32E-06
4.82E+02	1.17E-02	2.27E-02	3.43E-12	1.36E-06	1.32E-06
4.83E+02	1.17E-02	2.26E-02	3.43E-12	1.35E-06	1.31E-06
4.84E+02	1.16E-02	2.25E-02	3.43E-12	1.35E-06	1.31E-06
4.85E+02	1.16E-02	2.24E-02	3.43E-12	1.34E-06	1.31E-06
4.86E+02	1.16E-02	2.23E-02	3.42E-12	1.34E-06	1.30E-06
4.87E+02	1.15E-02	2.23E-02	3.42E-12	1.33E-06	1.30E-06
4.88E+02	1.15E-02	2.22E-02	3.42E-12	1.33E-06	1.29E-06
4.89E+02	1.14E-02	2.21E-02	3.42E-12	1.32E-06	1.29E-06
4.90E+02	1.14E-02	2.20E-02	3.42E-12	1.32E-06	1.28E-06
4.91E+02	1.14E-02	2.19E-02	3.42E-12	1.31E-06	1.28E-06
4.92E+02	1.13E-02	2.18E-02	3.42E-12	1.31E-06	1.27E-06
4.93E+02	1.13E-02	2.18E-02	3.41E-12	1.30E-06	1.27E-06
4.94E+02	1.13E-02	2.17E-02	3.41E-12	1.30E-06	1.26E-06
4.95E+02	1.12E-02	2.16E-02	3.41E-12	1.30E-06	1.26E-06
4.96E+02	1.12E-02	2.15E-02	3.41E-12	1.29E-06	1.26E-06
4.97E+02	1.12E-02	2.14E-02	3.41E-12	1.29E-06	1.25E-06
4.98E+02	1.11E-02	2.14E-02	3.41E-12	1.28E-06	1.25E-06
4.99E+02	1.11E-02	2.13E-02	3.40E-12	1.28E-06	1.24E-06
5.00E+02	1.10E-02	2.12E-02	3.40E-12	1.27E-06	1.24E-06
5.01E+02	1.10E-02	2.11E-02	3.40E-12	1.27E-06	1.23E-06
5.02E+02	1.10E-02	2.11E-02	3.40E-12	1.26E-06	1.23E-06
5.03E+02	1.09E-02	2.10E-02	3.40E-12	1.26E-06	1.23E-06
5.04E+02	1.09E-02	2.09E-02	3.40E-12	1.26E-06	1.22E-06
5.05E+02	1.09E-02	2.08E-02	3.39E-12	1.25E-06	1.22E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.06E+02	1.08E-02	2.07E-02	3.39E-12	1.25E-06	1.21E-06
5.07E+02	1.08E-02	2.07E-02	3.39E-12	1.24E-06	1.21E-06
5.08E+02	1.08E-02	2.06E-02	3.39E-12	1.24E-06	1.20E-06
5.09E+02	1.07E-02	2.05E-02	3.39E-12	1.23E-06	1.20E-06
5.10E+02	1.07E-02	2.05E-02	3.38E-12	1.23E-06	1.20E-06
5.11E+02	1.07E-02	2.04E-02	3.38E-12	1.23E-06	1.19E-06
5.12E+02	1.06E-02	2.03E-02	3.38E-12	1.22E-06	1.19E-06
5.13E+02	1.06E-02	2.02E-02	3.38E-12	1.22E-06	1.18E-06
5.14E+02	1.06E-02	2.02E-02	3.37E-12	1.21E-06	1.18E-06
5.15E+02	1.05E-02	2.01E-02	3.37E-12	1.21E-06	1.18E-06
5.16E+02	1.05E-02	2.00E-02	3.37E-12	1.21E-06	1.17E-06
5.17E+02	1.05E-02	1.99E-02	3.37E-12	1.20E-06	1.17E-06
5.18E+02	1.04E-02	1.99E-02	3.37E-12	1.20E-06	1.16E-06
5.19E+02	1.04E-02	1.98E-02	3.36E-12	1.19E-06	1.16E-06
5.20E+02	1.04E-02	1.97E-02	3.36E-12	1.19E-06	1.16E-06
5.21E+02	1.03E-02	1.97E-02	3.36E-12	1.19E-06	1.15E-06
5.22E+02	1.03E-02	1.96E-02	3.36E-12	1.18E-06	1.15E-06
5.23E+02	1.03E-02	1.95E-02	3.35E-12	1.18E-06	1.15E-06
5.24E+02	1.03E-02	1.95E-02	3.35E-12	1.17E-06	1.14E-06
5.25E+02	1.02E-02	1.94E-02	3.35E-12	1.17E-06	1.14E-06
5.26E+02	1.02E-02	1.93E-02	3.35E-12	1.17E-06	1.13E-06
5.27E+02	1.02E-02	1.93E-02	3.35E-12	1.16E-06	1.13E-06
5.28E+02	1.01E-02	1.92E-02	3.34E-12	1.16E-06	1.13E-06
5.29E+02	1.01E-02	1.91E-02	3.34E-12	1.16E-06	1.12E-06
5.30E+02	1.01E-02	1.91E-02	3.34E-12	1.15E-06	1.12E-06
5.31E+02	1.00E-02	1.90E-02	3.34E-12	1.15E-06	1.12E-06
5.32E+02	1.00E-02	1.89E-02	3.33E-12	1.14E-06	1.11E-06
5.33E+02	9.98E-03	1.89E-02	3.33E-12	1.14E-06	1.11E-06
5.34E+02	9.95E-03	1.88E-02	3.33E-12	1.14E-06	1.10E-06
5.35E+02	9.92E-03	1.87E-02	3.33E-12	1.13E-06	1.10E-06
5.36E+02	9.89E-03	1.87E-02	3.32E-12	1.13E-06	1.10E-06
5.37E+02	9.86E-03	1.86E-02	3.32E-12	1.13E-06	1.09E-06
5.38E+02	9.83E-03	1.85E-02	3.32E-12	1.12E-06	1.09E-06
5.39E+02	9.80E-03	1.85E-02	3.32E-12	1.12E-06	1.09E-06
5.40E+02	9.77E-03	1.84E-02	3.31E-12	1.11E-06	1.08E-06
5.41E+02	9.74E-03	1.84E-02	3.31E-12	1.11E-06	1.08E-06
5.42E+02	9.71E-03	1.83E-02	3.31E-12	1.11E-06	1.08E-06

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.43E+02	9.68E-03	1.82E-02	3.30E-12	1.10E-06	1.07E-06
5.44E+02	9.65E-03	1.82E-02	3.30E-12	1.10E-06	1.07E-06
5.45E+02	9.62E-03	1.81E-02	3.30E-12	1.10E-06	1.07E-06
5.46E+02	9.59E-03	1.80E-02	3.30E-12	1.09E-06	1.06E-06
5.47E+02	9.57E-03	1.80E-02	3.29E-12	1.09E-06	1.06E-06
5.48E+02	9.54E-03	1.79E-02	3.29E-12	1.09E-06	1.06E-06
5.49E+02	9.51E-03	1.79E-02	3.29E-12	1.08E-06	1.05E-06
5.50E+02	9.48E-03	1.78E-02	3.29E-12	1.08E-06	1.05E-06
5.51E+02	9.45E-03	1.77E-02	3.28E-12	1.08E-06	1.05E-06
5.52E+02	9.42E-03	1.77E-02	3.28E-12	1.07E-06	1.04E-06
5.53E+02	9.40E-03	1.76E-02	3.28E-12	1.07E-06	1.04E-06
5.54E+02	9.37E-03	1.76E-02	3.27E-12	1.07E-06	1.04E-06
5.55E+02	9.34E-03	1.75E-02	3.27E-12	1.06E-06	1.03E-06
5.56E+02	9.31E-03	1.75E-02	3.27E-12	1.06E-06	1.03E-06
5.57E+02	9.29E-03	1.74E-02	3.27E-12	1.06E-06	1.03E-06
5.58E+02	9.26E-03	1.73E-02	3.26E-12	1.05E-06	1.02E-06
5.59E+02	9.23E-03	1.73E-02	3.26E-12	1.05E-06	1.02E-06
5.60E+02	9.21E-03	1.72E-02	3.26E-12	1.05E-06	1.02E-06
5.61E+02	9.18E-03	1.72E-02	3.25E-12	1.04E-06	1.01E-06
5.62E+02	9.15E-03	1.71E-02	3.25E-12	1.04E-06	1.01E-06
5.63E+02	9.12E-03	1.71E-02	3.25E-12	1.04E-06	1.01E-06
5.64E+02	9.10E-03	1.70E-02	3.25E-12	1.03E-06	1.01E-06
5.65E+02	9.07E-03	1.70E-02	3.24E-12	1.03E-06	1.00E-06
5.66E+02	9.05E-03	1.69E-02	3.24E-12	1.03E-06	9.99E-07
5.67E+02	9.02E-03	1.68E-02	3.24E-12	1.02E-06	9.96E-07
5.68E+02	8.99E-03	1.68E-02	3.23E-12	1.02E-06	9.93E-07
5.69E+02	8.97E-03	1.67E-02	3.23E-12	1.02E-06	9.90E-07
5.70E+02	8.94E-03	1.67E-02	3.23E-12	1.02E-06	9.87E-07
5.71E+02	8.91E-03	1.66E-02	3.22E-12	1.01E-06	9.84E-07
5.72E+02	8.89E-03	1.66E-02	3.22E-12	1.01E-06	9.81E-07
5.73E+02	8.86E-03	1.65E-02	3.22E-12	1.01E-06	9.78E-07
5.74E+02	8.84E-03	1.65E-02	3.21E-12	1.00E-06	9.75E-07
5.75E+02	8.81E-03	1.64E-02	3.21E-12	1.00E-06	9.72E-07
5.76E+02	8.79E-03	1.64E-02	3.21E-12	9.97E-07	9.69E-07
5.77E+02	8.76E-03	1.63E-02	3.21E-12	9.94E-07	9.66E-07
5.78E+02	8.74E-03	1.63E-02	3.20E-12	9.91E-07	9.63E-07
5.79E+02	8.71E-03	1.62E-02	3.20E-12	9.88E-07	9.60E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.80E+02	8.69E-03	1.62E-02	3.20E-12	9.86E-07	9.58E-07
5.81E+02	8.66E-03	1.61E-02	3.19E-12	9.83E-07	9.55E-07
5.82E+02	8.64E-03	1.61E-02	3.19E-12	9.80E-07	9.52E-07
5.83E+02	8.61E-03	1.60E-02	3.19E-12	9.77E-07	9.49E-07
5.84E+02	8.59E-03	1.60E-02	3.18E-12	9.74E-07	9.46E-07
5.85E+02	8.56E-03	1.59E-02	3.18E-12	9.71E-07	9.43E-07
5.86E+02	8.54E-03	1.59E-02	3.18E-12	9.68E-07	9.41E-07
5.87E+02	8.51E-03	1.58E-02	3.17E-12	9.65E-07	9.38E-07
5.88E+02	8.49E-03	1.58E-02	3.17E-12	9.63E-07	9.35E-07
5.89E+02	8.47E-03	1.57E-02	3.17E-12	9.60E-07	9.32E-07
5.90E+02	8.44E-03	1.57E-02	3.16E-12	9.57E-07	9.30E-07
5.91E+02	8.42E-03	1.56E-02	3.16E-12	9.54E-07	9.27E-07
5.92E+02	8.39E-03	1.56E-02	3.16E-12	9.51E-07	9.24E-07
5.93E+02	8.37E-03	1.55E-02	3.15E-12	9.49E-07	9.22E-07
5.94E+02	8.35E-03	1.55E-02	3.15E-12	9.46E-07	9.19E-07
5.95E+02	8.32E-03	1.54E-02	3.15E-12	9.43E-07	9.16E-07
5.96E+02	8.30E-03	1.54E-02	3.14E-12	9.40E-07	9.14E-07
5.97E+02	8.28E-03	1.53E-02	3.14E-12	9.38E-07	9.11E-07
5.98E+02	8.25E-03	1.53E-02	3.14E-12	9.35E-07	9.08E-07
5.99E+02	8.23E-03	1.52E-02	3.13E-12	9.32E-07	9.06E-07
6.00E+02	8.21E-03	1.52E-02	3.13E-12	9.30E-07	9.03E-07
6.01E+02	8.18E-03	1.52E-02	3.13E-12	9.27E-07	9.01E-07
6.02E+02	8.16E-03	1.51E-02	3.13E-12	9.24E-07	8.98E-07
6.03E+02	8.14E-03	1.51E-02	3.12E-12	9.22E-07	8.95E-07
6.04E+02	8.12E-03	1.50E-02	3.12E-12	9.19E-07	8.93E-07
6.05E+02	8.09E-03	1.50E-02	3.12E-12	9.16E-07	8.90E-07
6.06E+02	8.07E-03	1.49E-02	3.11E-12	9.14E-07	8.88E-07
6.07E+02	8.05E-03	1.49E-02	3.11E-12	9.11E-07	8.85E-07
6.08E+02	8.03E-03	1.48E-02	3.11E-12	9.09E-07	8.83E-07
6.09E+02	8.00E-03	1.48E-02	3.10E-12	9.06E-07	8.80E-07
6.10E+02	7.98E-03	1.47E-02	3.10E-12	9.03E-07	8.78E-07
6.11E+02	7.96E-03	1.47E-02	3.10E-12	9.01E-07	8.75E-07
6.12E+02	7.94E-03	1.47E-02	3.09E-12	8.98E-07	8.73E-07
6.13E+02	7.92E-03	1.46E-02	3.09E-12	8.96E-07	8.70E-07
6.14E+02	7.89E-03	1.46E-02	3.09E-12	8.93E-07	8.68E-07
6.15E+02	7.87E-03	1.45E-02	3.08E-12	8.91E-07	8.65E-07
6.16E+02	7.85E-03	1.45E-02	3.08E-12	8.88E-07	8.63E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.17E+02	7.83E-03	1.44E-02	3.07E-12	8.86E-07	8.61E-07
6.18E+02	7.81E-03	1.44E-02	3.07E-12	8.83E-07	8.58E-07
6.19E+02	7.79E-03	1.44E-02	3.07E-12	8.81E-07	8.56E-07
6.20E+02	7.76E-03	1.43E-02	3.06E-12	8.78E-07	8.53E-07
6.21E+02	7.74E-03	1.43E-02	3.06E-12	8.76E-07	8.51E-07
6.22E+02	7.72E-03	1.42E-02	3.06E-12	8.74E-07	8.49E-07
6.23E+02	7.70E-03	1.42E-02	3.05E-12	8.71E-07	8.46E-07
6.24E+02	7.68E-03	1.42E-02	3.05E-12	8.69E-07	8.44E-07
6.25E+02	7.66E-03	1.41E-02	3.05E-12	8.66E-07	8.42E-07
6.26E+02	7.64E-03	1.41E-02	3.04E-12	8.64E-07	8.39E-07
6.27E+02	7.62E-03	1.40E-02	3.04E-12	8.62E-07	8.37E-07
6.28E+02	7.60E-03	1.40E-02	3.04E-12	8.59E-07	8.35E-07
6.29E+02	7.58E-03	1.39E-02	3.03E-12	8.57E-07	8.32E-07
6.30E+02	7.55E-03	1.39E-02	3.03E-12	8.55E-07	8.30E-07
6.31E+02	7.53E-03	1.39E-02	3.03E-12	8.52E-07	8.28E-07
6.32E+02	7.51E-03	1.38E-02	3.02E-12	8.50E-07	8.26E-07
6.33E+02	7.49E-03	1.38E-02	3.02E-12	8.48E-07	8.23E-07
6.34E+02	7.47E-03	1.38E-02	3.02E-12	8.45E-07	8.21E-07
6.35E+02	7.45E-03	1.37E-02	3.01E-12	8.43E-07	8.19E-07
6.36E+02	7.43E-03	1.37E-02	3.01E-12	8.41E-07	8.17E-07
6.37E+02	7.41E-03	1.36E-02	3.01E-12	8.38E-07	8.14E-07
6.38E+02	7.39E-03	1.36E-02	3.00E-12	8.36E-07	8.12E-07
6.39E+02	7.37E-03	1.36E-02	3.00E-12	8.34E-07	8.10E-07
6.40E+02	7.35E-03	1.35E-02	3.00E-12	8.32E-07	8.08E-07
6.41E+02	7.33E-03	1.35E-02	2.99E-12	8.29E-07	8.06E-07
6.42E+02	7.31E-03	1.34E-02	2.99E-12	8.27E-07	8.03E-07
6.43E+02	7.29E-03	1.34E-02	2.99E-12	8.25E-07	8.01E-07
6.44E+02	7.27E-03	1.34E-02	2.98E-12	8.23E-07	7.99E-07
6.45E+02	7.26E-03	1.33E-02	2.98E-12	8.21E-07	7.97E-07
6.46E+02	7.24E-03	1.33E-02	2.98E-12	8.18E-07	7.95E-07
6.47E+02	7.22E-03	1.33E-02	2.97E-12	8.16E-07	7.93E-07
6.48E+02	7.20E-03	1.32E-02	2.97E-12	8.14E-07	7.91E-07
6.49E+02	7.18E-03	1.32E-02	2.97E-12	8.12E-07	7.89E-07
6.50E+02	7.16E-03	1.31E-02	2.96E-12	8.10E-07	7.86E-07
6.51E+02	7.14E-03	1.31E-02	2.96E-12	8.08E-07	7.84E-07
6.52E+02	7.12E-03	1.31E-02	2.95E-12	8.05E-07	7.82E-07
6.53E+02	7.10E-03	1.30E-02	2.95E-12	8.03E-07	7.80E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.54E+02	7.08E-03	1.30E-02	2.95E-12	8.01E-07	7.78E-07
6.55E+02	7.06E-03	1.30E-02	2.94E-12	7.99E-07	7.76E-07
6.56E+02	7.05E-03	1.29E-02	2.94E-12	7.97E-07	7.74E-07
6.57E+02	7.03E-03	1.29E-02	2.94E-12	7.95E-07	7.72E-07
6.58E+02	7.01E-03	1.29E-02	2.93E-12	7.93E-07	7.70E-07
6.59E+02	6.99E-03	1.28E-02	2.93E-12	7.91E-07	7.68E-07
6.60E+02	6.97E-03	1.28E-02	2.93E-12	7.89E-07	7.66E-07
6.61E+02	6.95E-03	1.27E-02	2.92E-12	7.87E-07	7.64E-07
6.62E+02	6.94E-03	1.27E-02	2.92E-12	7.85E-07	7.62E-07
6.63E+02	6.92E-03	1.27E-02	2.92E-12	7.82E-07	7.60E-07
6.64E+02	6.90E-03	1.26E-02	2.91E-12	7.80E-07	7.58E-07
6.65E+02	6.88E-03	1.26E-02	2.91E-12	7.78E-07	7.56E-07
6.66E+02	6.86E-03	1.26E-02	2.91E-12	7.76E-07	7.54E-07
6.67E+02	6.85E-03	1.25E-02	2.90E-12	7.74E-07	7.52E-07
6.68E+02	6.83E-03	1.25E-02	2.90E-12	7.72E-07	7.50E-07
6.69E+02	6.81E-03	1.25E-02	2.90E-12	7.70E-07	7.48E-07
6.70E+02	6.79E-03	1.24E-02	2.89E-12	7.68E-07	7.46E-07
6.71E+02	6.77E-03	1.24E-02	2.89E-12	7.66E-07	7.44E-07
6.72E+02	6.76E-03	1.24E-02	2.89E-12	7.64E-07	7.42E-07
6.73E+02	6.74E-03	1.23E-02	2.88E-12	7.63E-07	7.41E-07
6.74E+02	6.72E-03	1.23E-02	2.88E-12	7.61E-07	7.39E-07
6.75E+02	6.70E-03	1.23E-02	2.87E-12	7.59E-07	7.37E-07
6.76E+02	6.69E-03	1.22E-02	2.87E-12	7.57E-07	7.35E-07
6.77E+02	6.67E-03	1.22E-02	2.87E-12	7.55E-07	7.33E-07
6.78E+02	6.65E-03	1.22E-02	2.86E-12	7.53E-07	7.31E-07
6.79E+02	6.63E-03	1.21E-02	2.86E-12	7.51E-07	7.29E-07
6.80E+02	6.62E-03	1.21E-02	2.86E-12	7.49E-07	7.27E-07
6.81E+02	6.60E-03	1.21E-02	2.85E-12	7.47E-07	7.26E-07
6.82E+02	6.58E-03	1.20E-02	2.85E-12	7.45E-07	7.24E-07
6.83E+02	6.57E-03	1.20E-02	2.85E-12	7.43E-07	7.22E-07
6.84E+02	6.55E-03	1.20E-02	2.84E-12	7.41E-07	7.20E-07
6.85E+02	6.53E-03	1.20E-02	2.84E-12	7.40E-07	7.18E-07
6.86E+02	6.52E-03	1.19E-02	2.84E-12	7.38E-07	7.16E-07
6.87E+02	6.50E-03	1.19E-02	2.83E-12	7.36E-07	7.15E-07
6.88E+02	6.48E-03	1.19E-02	2.83E-12	7.34E-07	7.13E-07
6.89E+02	6.47E-03	1.18E-02	2.83E-12	7.32E-07	7.11E-07
6.90E+02	6.45E-03	1.18E-02	2.82E-12	7.30E-07	7.09E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.91E+02	6.43E-03	1.18E-02	2.82E-12	7.29E-07	7.08E-07
6.92E+02	6.42E-03	1.17E-02	2.82E-12	7.27E-07	7.06E-07
6.93E+02	6.40E-03	1.17E-02	2.81E-12	7.25E-07	7.04E-07
6.94E+02	6.38E-03	1.17E-02	2.81E-12	7.23E-07	7.02E-07
6.95E+02	6.37E-03	1.16E-02	2.81E-12	7.21E-07	7.01E-07
6.96E+02	6.35E-03	1.16E-02	2.80E-12	7.20E-07	6.99E-07
6.97E+02	6.34E-03	1.16E-02	2.80E-12	7.18E-07	6.97E-07
6.98E+02	6.32E-03	1.16E-02	2.80E-12	7.16E-07	6.95E-07
6.99E+02	6.30E-03	1.15E-02	2.79E-12	7.14E-07	6.94E-07
7.00E+02	6.29E-03	1.15E-02	2.79E-12	7.12E-07	6.92E-07
7.01E+02	6.27E-03	1.15E-02	2.78E-12	7.11E-07	6.90E-07
7.02E+02	6.26E-03	1.14E-02	2.78E-12	7.09E-07	6.89E-07
7.03E+02	6.24E-03	1.14E-02	2.78E-12	7.07E-07	6.87E-07
7.04E+02	6.23E-03	1.14E-02	2.77E-12	7.06E-07	6.85E-07
7.05E+02	6.21E-03	1.13E-02	2.77E-12	7.04E-07	6.83E-07
7.06E+02	6.19E-03	1.13E-02	2.77E-12	7.02E-07	6.82E-07
7.07E+02	6.18E-03	1.13E-02	2.76E-12	7.00E-07	6.80E-07
7.08E+02	6.16E-03	1.13E-02	2.76E-12	6.99E-07	6.78E-07
7.09E+02	6.15E-03	1.12E-02	2.76E-12	6.97E-07	6.77E-07
7.10E+02	6.13E-03	1.12E-02	2.75E-12	6.95E-07	6.75E-07
7.11E+02	6.12E-03	1.12E-02	2.75E-12	6.94E-07	6.73E-07
7.12E+02	6.10E-03	1.11E-02	2.75E-12	6.92E-07	6.72E-07
7.13E+02	6.09E-03	1.11E-02	2.74E-12	6.90E-07	6.70E-07
7.14E+02	6.07E-03	1.11E-02	2.74E-12	6.89E-07	6.69E-07
7.15E+02	6.06E-03	1.11E-02	2.74E-12	6.87E-07	6.67E-07
7.16E+02	6.04E-03	1.10E-02	2.73E-12	6.85E-07	6.65E-07
7.17E+02	6.03E-03	1.10E-02	2.73E-12	6.84E-07	6.64E-07
7.18E+02	6.01E-03	1.10E-02	2.73E-12	6.82E-07	6.62E-07
7.19E+02	6.00E-03	1.10E-02	2.72E-12	6.80E-07	6.61E-07
7.20E+02	5.98E-03	1.09E-02	2.72E-12	6.79E-07	6.59E-07
7.21E+02	5.97E-03	1.09E-02	2.72E-12	6.77E-07	6.57E-07
7.22E+02	5.95E-03	1.09E-02	2.71E-12	6.75E-07	6.56E-07
7.23E+02	5.94E-03	1.08E-02	2.71E-12	6.74E-07	6.54E-07
7.24E+02	5.92E-03	1.08E-02	2.71E-12	6.72E-07	6.53E-07
7.25E+02	5.91E-03	1.08E-02	2.70E-12	6.71E-07	6.51E-07
7.26E+02	5.89E-03	1.08E-02	2.70E-12	6.69E-07	6.50E-07
7.27E+02	5.88E-03	1.07E-02	2.70E-12	6.67E-07	6.48E-07



Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.28E+02	5.86E-03	1.07E-02	2.69E-12	6.66E-07	6.47E-07
7.29E+02	5.85E-03	1.07E-02	2.69E-12	6.64E-07	6.45E-07
7.30E+02	5.84E-03	1.07E-02	2.69E-12	6.63E-07	6.44E-07
7.31E+02	5.82E-03	1.06E-02	2.68E-12	6.61E-07	6.42E-07
7.32E+02	5.81E-03	1.06E-02	2.68E-12	6.60E-07	6.41E-07
7.33E+02	5.79E-03	1.06E-02	2.68E-12	6.58E-07	6.39E-07
7.34E+02	5.78E-03	1.06E-02	2.67E-12	6.57E-07	6.38E-07
7.35E+02	5.76E-03	1.05E-02	2.67E-12	6.55E-07	6.36E-07
7.36E+02	5.75E-03	1.05E-02	2.67E-12	6.53E-07	6.35E-07
7.37E+02	5.74E-03	1.05E-02	2.66E-12	6.52E-07	6.33E-07
7.38E+02	5.72E-03	1.04E-02	2.66E-12	6.50E-07	6.32E-07
7.39E+02	5.71E-03	1.04E-02	2.66E-12	6.49E-07	6.30E-07
7.40E+02	5.70E-03	1.04E-02	2.65E-12	6.47E-07	6.29E-07
7.41E+02	5.68E-03	1.04E-02	2.65E-12	6.46E-07	6.27E-07
7.42E+02	5.67E-03	1.03E-02	2.65E-12	6.44E-07	6.26E-07
7.43E+02	5.65E-03	1.03E-02	2.64E-12	6.43E-07	6.24E-07
7.44E+02	5.64E-03	1.03E-02	2.64E-12	6.41E-07	6.23E-07
7.45E+02	5.63E-03	1.03E-02	2.64E-12	6.40E-07	6.21E-07
7.46E+02	5.61E-03	1.02E-02	2.63E-12	6.38E-07	6.20E-07
7.47E+02	5.60E-03	1.02E-02	2.63E-12	6.37E-07	6.18E-07
7.48E+02	5.59E-03	1.02E-02	2.63E-12	6.35E-07	6.17E-07
7.49E+02	5.57E-03	1.02E-02	2.62E-12	6.34E-07	6.16E-07
7.50E+02	5.56E-03	1.02E-02	2.62E-12	6.33E-07	6.14E-07
7.51E+02	5.55E-03	1.01E-02	2.62E-12	6.31E-07	6.13E-07
7.52E+02	5.53E-03	1.01E-02	2.61E-12	6.30E-07	6.11E-07
7.53E+02	5.52E-03	1.01E-02	2.61E-12	6.28E-07	6.10E-07
7.54E+02	5.51E-03	1.01E-02	2.61E-12	6.27E-07	6.09E-07
7.55E+02	5.49E-03	1.00E-02	2.60E-12	6.25E-07	6.07E-07
7.56E+02	5.48E-03	1.00E-02	2.60E-12	6.24E-07	6.06E-07
7.57E+02	5.47E-03	9.98E-03	2.60E-12	6.23E-07	6.04E-07
7.58E+02	5.45E-03	9.96E-03	2.59E-12	6.21E-07	6.03E-07
7.59E+02	5.44E-03	9.94E-03	2.59E-12	6.20E-07	6.02E-07
7.60E+02	5.43E-03	9.91E-03	2.59E-12	6.18E-07	6.00E-07
7.61E+02	5.41E-03	9.89E-03	2.58E-12	6.17E-07	5.99E-07
7.62E+02	5.40E-03	9.87E-03	2.58E-12	6.16E-07	5.98E-07
7.63E+02	5.39E-03	9.84E-03	2.58E-12	6.14E-07	5.96E-07
7.64E+02	5.38E-03	9.82E-03	2.57E-12	6.13E-07	5.95E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.65E+02	5.36E-03	9.80E-03	2.57E-12	6.11E-07	5.94E-07
7.66E+02	5.35E-03	9.77E-03	2.57E-12	6.10E-07	5.92E-07
7.67E+02	5.34E-03	9.75E-03	2.56E-12	6.09E-07	5.91E-07
7.68E+02	5.33E-03	9.73E-03	2.56E-12	6.07E-07	5.90E-07
7.69E+02	5.31E-03	9.71E-03	2.56E-12	6.06E-07	5.88E-07
7.70E+02	5.30E-03	9.68E-03	2.55E-12	6.05E-07	5.87E-07
7.71E+02	5.29E-03	9.66E-03	2.55E-12	6.03E-07	5.86E-07
7.72E+02	5.28E-03	9.64E-03	2.55E-12	6.02E-07	5.84E-07
7.73E+02	5.26E-03	9.62E-03	2.54E-12	6.01E-07	5.83E-07
7.74E+02	5.25E-03	9.59E-03	2.54E-12	5.99E-07	5.82E-07
7.75E+02	5.24E-03	9.57E-03	2.54E-12	5.98E-07	5.81E-07
7.76E+02	5.23E-03	9.55E-03	2.53E-12	5.97E-07	5.79E-07
7.77E+02	5.21E-03	9.53E-03	2.53E-12	5.95E-07	5.78E-07
7.78E+02	5.20E-03	9.51E-03	2.53E-12	5.94E-07	5.77E-07
7.79E+02	5.19E-03	9.48E-03	2.52E-12	5.93E-07	5.75E-07
7.80E+02	5.18E-03	9.46E-03	2.52E-12	5.91E-07	5.74E-07
7.81E+02	5.17E-03	9.44E-03	2.52E-12	5.90E-07	5.73E-07
7.82E+02	5.15E-03	9.42E-03	2.51E-12	5.89E-07	5.72E-07
7.83E+02	5.14E-03	9.40E-03	2.51E-12	5.87E-07	5.70E-07
7.84E+02	5.13E-03	9.38E-03	2.51E-12	5.86E-07	5.69E-07
7.85E+02	5.12E-03	9.35E-03	2.51E-12	5.85E-07	5.68E-07
7.86E+02	5.11E-03	9.33E-03	2.50E-12	5.84E-07	5.67E-07
7.87E+02	5.09E-03	9.31E-03	2.50E-12	5.82E-07	5.65E-07
7.88E+02	5.08E-03	9.29E-03	2.50E-12	5.81E-07	5.64E-07
7.89E+02	5.07E-03	9.27E-03	2.49E-12	5.80E-07	5.63E-07
7.90E+02	5.06E-03	9.25E-03	2.49E-12	5.79E-07	5.62E-07
7.91E+02	5.05E-03	9.23E-03	2.49E-12	5.77E-07	5.60E-07
7.92E+02	5.04E-03	9.21E-03	2.48E-12	5.76E-07	5.59E-07
7.93E+02	5.02E-03	9.19E-03	2.48E-12	5.75E-07	5.58E-07
7.94E+02	5.01E-03	9.17E-03	2.48E-12	5.74E-07	5.57E-07
7.95E+02	5.00E-03	9.15E-03	2.47E-12	5.72E-07	5.56E-07
7.96E+02	4.99E-03	9.13E-03	2.47E-12	5.71E-07	5.54E-07
7.97E+02	4.98E-03	9.10E-03	2.47E-12	5.70E-07	5.53E-07
7.98E+02	4.97E-03	9.08E-03	2.46E-12	5.69E-07	5.52E-07
7.99E+02	4.96E-03	9.06E-03	2.46E-12	5.67E-07	5.51E-07
8.00E+02	4.94E-03	9.04E-03	2.46E-12	5.66E-07	5.50E-07
8.01E+02	4.93E-03	9.02E-03	2.46E-12	5.65E-07	5.49E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.02E+02	4.92E-03	9.00E-03	2.45E-12	5.64E-07	5.47E-07
8.03E+02	4.91E-03	8.98E-03	2.45E-12	5.63E-07	5.46E-07
8.04E+02	4.90E-03	8.96E-03	2.45E-12	5.61E-07	5.45E-07
8.05E+02	4.89E-03	8.94E-03	2.44E-12	5.60E-07	5.44E-07
8.06E+02	4.88E-03	8.92E-03	2.44E-12	5.59E-07	5.43E-07
8.07E+02	4.87E-03	8.90E-03	2.44E-12	5.58E-07	5.42E-07
8.08E+02	4.86E-03	8.89E-03	2.43E-12	5.57E-07	5.40E-07
8.09E+02	4.84E-03	8.87E-03	2.43E-12	5.55E-07	5.39E-07
8.10E+02	4.83E-03	8.85E-03	2.43E-12	5.54E-07	5.38E-07
8.11E+02	4.82E-03	8.83E-03	2.42E-12	5.53E-07	5.37E-07
8.12E+02	4.81E-03	8.81E-03	2.42E-12	5.52E-07	5.36E-07
8.13E+02	4.80E-03	8.79E-03	2.42E-12	5.51E-07	5.35E-07
8.14E+02	4.79E-03	8.77E-03	2.41E-12	5.50E-07	5.34E-07
8.15E+02	4.78E-03	8.75E-03	2.41E-12	5.48E-07	5.33E-07
8.16E+02	4.77E-03	8.73E-03	2.41E-12	5.47E-07	5.31E-07
8.17E+02	4.76E-03	8.71E-03	2.41E-12	5.46E-07	5.30E-07
8.18E+02	4.75E-03	8.69E-03	2.40E-12	5.45E-07	5.29E-07
8.19E+02	4.74E-03	8.67E-03	2.40E-12	5.44E-07	5.28E-07
8.20E+02	4.73E-03	8.66E-03	2.40E-12	5.43E-07	5.27E-07
8.21E+02	4.72E-03	8.64E-03	2.39E-12	5.42E-07	5.26E-07
8.22E+02	4.71E-03	8.62E-03	2.39E-12	5.40E-07	5.25E-07
8.23E+02	4.69E-03	8.60E-03	2.39E-12	5.39E-07	5.24E-07
8.24E+02	4.68E-03	8.58E-03	2.38E-12	5.38E-07	5.23E-07
8.25E+02	4.67E-03	8.56E-03	2.38E-12	5.37E-07	5.22E-07
8.26E+02	4.66E-03	8.54E-03	2.38E-12	5.36E-07	5.20E-07
8.27E+02	4.65E-03	8.53E-03	2.38E-12	5.35E-07	5.19E-07
8.28E+02	4.64E-03	8.51E-03	2.37E-12	5.34E-07	5.18E-07
8.29E+02	4.63E-03	8.49E-03	2.37E-12	5.33E-07	5.17E-07
8.30E+02	4.62E-03	8.47E-03	2.37E-12	5.32E-07	5.16E-07
8.31E+02	4.61E-03	8.45E-03	2.36E-12	5.31E-07	5.15E-07
8.32E+02	4.60E-03	8.43E-03	2.36E-12	5.29E-07	5.14E-07
8.33E+02	4.59E-03	8.42E-03	2.36E-12	5.28E-07	5.13E-07
8.34E+02	4.58E-03	8.40E-03	2.35E-12	5.27E-07	5.12E-07
8.35E+02	4.57E-03	8.38E-03	2.35E-12	5.26E-07	5.11E-07
8.36E+02	4.56E-03	8.36E-03	2.35E-12	5.25E-07	5.10E-07
8.37E+02	4.55E-03	8.35E-03	2.35E-12	5.24E-07	5.09E-07
8.38E+02	4.54E-03	8.33E-03	2.34E-12	5.23E-07	5.08E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.39E+02	4.53E-03	8.31E-03	2.34E-12	5.22E-07	5.07E-07
8.40E+02	4.52E-03	8.29E-03	2.34E-12	5.21E-07	5.06E-07
8.41E+02	4.51E-03	8.28E-03	2.33E-12	5.20E-07	5.05E-07
8.42E+02	4.50E-03	8.26E-03	2.33E-12	5.19E-07	5.04E-07
8.43E+02	4.49E-03	8.24E-03	2.33E-12	5.18E-07	5.03E-07
8.44E+02	4.48E-03	8.22E-03	2.33E-12	5.17E-07	5.02E-07
8.45E+02	4.47E-03	8.21E-03	2.32E-12	5.16E-07	5.01E-07
8.46E+02	4.46E-03	8.19E-03	2.32E-12	5.15E-07	5.00E-07
8.47E+02	4.45E-03	8.17E-03	2.32E-12	5.14E-07	4.99E-07
8.48E+02	4.44E-03	8.16E-03	2.31E-12	5.13E-07	4.98E-07
8.49E+02	4.43E-03	8.14E-03	2.31E-12	5.11E-07	4.97E-07
8.50E+02	4.42E-03	8.12E-03	2.31E-12	5.10E-07	4.96E-07
8.51E+02	4.41E-03	8.10E-03	2.30E-12	5.09E-07	4.95E-07
8.52E+02	4.41E-03	8.09E-03	2.30E-12	5.08E-07	4.94E-07
8.53E+02	4.40E-03	8.07E-03	2.30E-12	5.07E-07	4.93E-07
8.54E+02	4.39E-03	8.05E-03	2.30E-12	5.06E-07	4.92E-07
8.55E+02	4.38E-03	8.04E-03	2.29E-12	5.05E-07	4.91E-07
8.56E+02	4.37E-03	8.02E-03	2.29E-12	5.04E-07	4.90E-07
8.57E+02	4.36E-03	8.00E-03	2.29E-12	5.03E-07	4.89E-07
8.58E+02	4.35E-03	7.99E-03	2.28E-12	5.02E-07	4.88E-07
8.59E+02	4.34E-03	7.97E-03	2.28E-12	5.01E-07	4.87E-07
8.60E+02	4.33E-03	7.96E-03	2.28E-12	5.00E-07	4.86E-07
8.61E+02	4.32E-03	7.94E-03	2.28E-12	4.99E-07	4.85E-07
8.62E+02	4.31E-03	7.92E-03	2.27E-12	4.98E-07	4.84E-07
8.63E+02	4.30E-03	7.91E-03	2.27E-12	4.97E-07	4.83E-07
8.64E+02	4.29E-03	7.89E-03	2.27E-12	4.97E-07	4.82E-07
8.65E+02	4.28E-03	7.87E-03	2.26E-12	4.96E-07	4.81E-07
8.66E+02	4.28E-03	7.86E-03	2.26E-12	4.95E-07	4.80E-07
8.67E+02	4.27E-03	7.84E-03	2.26E-12	4.94E-07	4.79E-07
8.68E+02	4.26E-03	7.83E-03	2.26E-12	4.93E-07	4.78E-07
8.69E+02	4.25E-03	7.81E-03	2.25E-12	4.92E-07	4.77E-07
8.70E+02	4.24E-03	7.79E-03	2.25E-12	4.91E-07	4.76E-07
8.71E+02	4.23E-03	7.78E-03	2.25E-12	4.90E-07	4.76E-07
8.72E+02	4.22E-03	7.76E-03	2.24E-12	4.89E-07	4.75E-07
8.73E+02	4.21E-03	7.75E-03	2.24E-12	4.88E-07	4.74E-07
8.74E+02	4.20E-03	7.73E-03	2.24E-12	4.87E-07	4.73E-07
8.75E+02	4.19E-03	7.72E-03	2.24E-12	4.86E-07	4.72E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.76E+02	4.19E-03	7.70E-03	2.23E-12	4.85E-07	4.71E-07
8.77E+02	4.18E-03	7.69E-03	2.23E-12	4.84E-07	4.70E-07
8.78E+02	4.17E-03	7.67E-03	2.23E-12	4.83E-07	4.69E-07
8.79E+02	4.16E-03	7.65E-03	2.23E-12	4.82E-07	4.68E-07
8.80E+02	4.15E-03	7.64E-03	2.22E-12	4.81E-07	4.67E-07
8.81E+02	4.14E-03	7.62E-03	2.22E-12	4.80E-07	4.66E-07
8.82E+02	4.13E-03	7.61E-03	2.22E-12	4.79E-07	4.66E-07
8.83E+02	4.12E-03	7.59E-03	2.21E-12	4.79E-07	4.65E-07
8.84E+02	4.12E-03	7.58E-03	2.21E-12	4.78E-07	4.64E-07
8.85E+02	4.11E-03	7.56E-03	2.21E-12	4.77E-07	4.63E-07
8.86E+02	4.10E-03	7.55E-03	2.21E-12	4.76E-07	4.62E-07
8.87E+02	4.09E-03	7.53E-03	2.20E-12	4.75E-07	4.61E-07
8.88E+02	4.08E-03	7.52E-03	2.20E-12	4.74E-07	4.60E-07
8.89E+02	4.07E-03	7.50E-03	2.20E-12	4.73E-07	4.59E-07
8.90E+02	4.06E-03	7.49E-03	2.19E-12	4.72E-07	4.59E-07
8.91E+02	4.06E-03	7.47E-03	2.19E-12	4.71E-07	4.58E-07
8.92E+02	4.05E-03	7.46E-03	2.19E-12	4.70E-07	4.57E-07
8.93E+02	4.04E-03	7.45E-03	2.19E-12	4.70E-07	4.56E-07
8.94E+02	4.03E-03	7.43E-03	2.18E-12	4.69E-07	4.55E-07
8.95E+02	4.02E-03	7.42E-03	2.18E-12	4.68E-07	4.54E-07
8.96E+02	4.01E-03	7.40E-03	2.18E-12	4.67E-07	4.53E-07
8.97E+02	4.01E-03	7.39E-03	2.18E-12	4.66E-07	4.52E-07
8.98E+02	4.00E-03	7.37E-03	2.17E-12	4.65E-07	4.52E-07
8.99E+02	3.99E-03	7.36E-03	2.17E-12	4.64E-07	4.51E-07
9.00E+02	3.98E-03	7.34E-03	2.17E-12	4.63E-07	4.50E-07
9.01E+02	3.97E-03	7.33E-03	2.17E-12	4.63E-07	4.49E-07
9.02E+02	3.97E-03	7.32E-03	2.16E-12	4.62E-07	4.48E-07
9.03E+02	3.96E-03	7.30E-03	2.16E-12	4.61E-07	4.47E-07
9.04E+02	3.95E-03	7.29E-03	2.16E-12	4.60E-07	4.47E-07
9.05E+02	3.94E-03	7.27E-03	2.15E-12	4.59E-07	4.46E-07
9.06E+02	3.93E-03	7.26E-03	2.15E-12	4.58E-07	4.45E-07
9.07E+02	3.92E-03	7.25E-03	2.15E-12	4.57E-07	4.44E-07
9.08E+02	3.92E-03	7.23E-03	2.15E-12	4.57E-07	4.43E-07
9.09E+02	3.91E-03	7.22E-03	2.14E-12	4.56E-07	4.42E-07
9.10E+02	3.90E-03	7.20E-03	2.14E-12	4.55E-07	4.42E-07
9.11E+02	3.89E-03	7.19E-03	2.14E-12	4.54E-07	4.41E-07
9.12E+02	3.89E-03	7.18E-03	2.14E-12	4.53E-07	4.40E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.13E+02	3.88E-03	7.16E-03	2.13E-12	4.52E-07	4.39E-07
9.14E+02	3.87E-03	7.15E-03	2.13E-12	4.52E-07	4.38E-07
9.15E+02	3.86E-03	7.14E-03	2.13E-12	4.51E-07	4.38E-07
9.16E+02	3.85E-03	7.12E-03	2.13E-12	4.50E-07	4.37E-07
9.17E+02	3.85E-03	7.11E-03	2.12E-12	4.49E-07	4.36E-07
9.18E+02	3.84E-03	7.10E-03	2.12E-12	4.48E-07	4.35E-07
9.19E+02	3.83E-03	7.08E-03	2.12E-12	4.47E-07	4.34E-07
9.20E+02	3.82E-03	7.07E-03	2.12E-12	4.47E-07	4.34E-07
9.21E+02	3.81E-03	7.06E-03	2.11E-12	4.46E-07	4.33E-07
9.22E+02	3.81E-03	7.04E-03	2.11E-12	4.45E-07	4.32E-07
9.23E+02	3.80E-03	7.03E-03	2.11E-12	4.44E-07	4.31E-07
9.24E+02	3.79E-03	7.02E-03	2.10E-12	4.43E-07	4.31E-07
9.25E+02	3.78E-03	7.00E-03	2.10E-12	4.43E-07	4.30E-07
9.26E+02	3.78E-03	6.99E-03	2.10E-12	4.42E-07	4.29E-07
9.27E+02	3.77E-03	6.98E-03	2.10E-12	4.41E-07	4.28E-07
9.28E+02	3.76E-03	6.96E-03	2.09E-12	4.40E-07	4.27E-07
9.29E+02	3.75E-03	6.95E-03	2.09E-12	4.39E-07	4.27E-07
9.30E+02	3.75E-03	6.94E-03	2.09E-12	4.39E-07	4.26E-07
9.31E+02	3.74E-03	6.92E-03	2.09E-12	4.38E-07	4.25E-07
9.32E+02	3.73E-03	6.91E-03	2.08E-12	4.37E-07	4.24E-07
9.33E+02	3.72E-03	6.90E-03	2.08E-12	4.36E-07	4.24E-07
9.34E+02	3.72E-03	6.89E-03	2.08E-12	4.35E-07	4.23E-07
9.35E+02	3.71E-03	6.87E-03	2.08E-12	4.35E-07	4.22E-07
9.36E+02	3.70E-03	6.86E-03	2.07E-12	4.34E-07	4.21E-07
9.37E+02	3.70E-03	6.85E-03	2.07E-12	4.33E-07	4.21E-07
9.38E+02	3.69E-03	6.83E-03	2.07E-12	4.32E-07	4.20E-07
9.39E+02	3.68E-03	6.82E-03	2.07E-12	4.32E-07	4.19E-07
9.40E+02	3.67E-03	6.81E-03	2.06E-12	4.31E-07	4.18E-07
9.41E+02	3.67E-03	6.80E-03	2.06E-12	4.30E-07	4.18E-07
9.42E+02	3.66E-03	6.78E-03	2.06E-12	4.29E-07	4.17E-07
9.43E+02	3.65E-03	6.77E-03	2.06E-12	4.29E-07	4.16E-07
9.44E+02	3.64E-03	6.76E-03	2.05E-12	4.28E-07	4.15E-07
9.45E+02	3.64E-03	6.75E-03	2.05E-12	4.27E-07	4.15E-07
9.46E+02	3.63E-03	6.74E-03	2.05E-12	4.26E-07	4.14E-07
9.47E+02	3.62E-03	6.72E-03	2.05E-12	4.25E-07	4.13E-07
9.48E+02	3.62E-03	6.71E-03	2.04E-12	4.25E-07	4.12E-07
9.49E+02	3.61E-03	6.70E-03	2.04E-12	4.24E-07	4.12E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.50E+02	3.60E-03	6.69E-03	2.04E-12	4.23E-07	4.11E-07
9.51E+02	3.60E-03	6.67E-03	2.04E-12	4.23E-07	4.10E-07
9.52E+02	3.59E-03	6.66E-03	2.03E-12	4.22E-07	4.10E-07
9.53E+02	3.58E-03	6.65E-03	2.03E-12	4.21E-07	4.09E-07
9.54E+02	3.57E-03	6.64E-03	2.03E-12	4.20E-07	4.08E-07
9.55E+02	3.57E-03	6.63E-03	2.03E-12	4.20E-07	4.07E-07
9.56E+02	3.56E-03	6.61E-03	2.02E-12	4.19E-07	4.07E-07
9.57E+02	3.55E-03	6.60E-03	2.02E-12	4.18E-07	4.06E-07
9.58E+02	3.55E-03	6.59E-03	2.02E-12	4.17E-07	4.05E-07
9.59E+02	3.54E-03	6.58E-03	2.02E-12	4.17E-07	4.05E-07
9.60E+02	3.53E-03	6.57E-03	2.01E-12	4.16E-07	4.04E-07
9.61E+02	3.53E-03	6.55E-03	2.01E-12	4.15E-07	4.03E-07
9.62E+02	3.52E-03	6.54E-03	2.01E-12	4.15E-07	4.03E-07
9.63E+02	3.51E-03	6.53E-03	2.01E-12	4.14E-07	4.02E-07
9.64E+02	3.51E-03	6.52E-03	2.01E-12	4.13E-07	4.01E-07
9.65E+02	3.50E-03	6.51E-03	2.00E-12	4.12E-07	4.00E-07
9.66E+02	3.49E-03	6.50E-03	2.00E-12	4.12E-07	4.00E-07
9.67E+02	3.49E-03	6.48E-03	2.00E-12	4.11E-07	3.99E-07
9.68E+02	3.48E-03	6.47E-03	2.00E-12	4.10E-07	3.98E-07
9.69E+02	3.47E-03	6.46E-03	1.99E-12	4.10E-07	3.98E-07
9.70E+02	3.47E-03	6.45E-03	1.99E-12	4.09E-07	3.97E-07
9.71E+02	3.46E-03	6.44E-03	1.99E-12	4.08E-07	3.96E-07
9.72E+02	3.45E-03	6.43E-03	1.99E-12	4.07E-07	3.96E-07
9.73E+02	3.45E-03	6.42E-03	1.98E-12	4.07E-07	3.95E-07
9.74E+02	3.44E-03	6.41E-03	1.98E-12	4.06E-07	3.94E-07
9.75E+02	3.43E-03	6.39E-03	1.98E-12	4.05E-07	3.94E-07
9.76E+02	3.43E-03	6.38E-03	1.98E-12	4.05E-07	3.93E-07
9.77E+02	3.42E-03	6.37E-03	1.97E-12	4.04E-07	3.92E-07
9.78E+02	3.41E-03	6.36E-03	1.97E-12	4.03E-07	3.92E-07
9.79E+02	3.41E-03	6.35E-03	1.97E-12	4.03E-07	3.91E-07
9.80E+02	3.40E-03	6.34E-03	1.97E-12	4.02E-07	3.90E-07
9.81E+02	3.39E-03	6.33E-03	1.96E-12	4.01E-07	3.90E-07
9.82E+02	3.39E-03	6.32E-03	1.96E-12	4.01E-07	3.89E-07
9.83E+02	3.38E-03	6.30E-03	1.96E-12	4.00E-07	3.88E-07
9.84E+02	3.38E-03	6.29E-03	1.96E-12	3.99E-07	3.88E-07
9.85E+02	3.37E-03	6.28E-03	1.96E-12	3.99E-07	3.87E-07
9.86E+02	3.36E-03	6.27E-03	1.95E-12	3.98E-07	3.86E-07

Table 5. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.87E+02	3.36E-03	6.26E-03	1.95E-12	3.97E-07	3.86E-07
9.88E+02	3.35E-03	6.25E-03	1.95E-12	3.97E-07	3.85E-07
9.89E+02	3.34E-03	6.24E-03	1.95E-12	3.96E-07	3.85E-07
9.90E+02	3.34E-03	6.23E-03	1.94E-12	3.95E-07	3.84E-07
9.91E+02	3.33E-03	6.22E-03	1.94E-12	3.95E-07	3.83E-07
9.92E+02	3.33E-03	6.21E-03	1.94E-12	3.94E-07	3.83E-07
9.93E+02	3.32E-03	6.20E-03	1.94E-12	3.93E-07	3.82E-07
9.94E+02	3.31E-03	6.19E-03	1.93E-12	3.93E-07	3.81E-07
9.95E+02	3.31E-03	6.18E-03	1.93E-12	3.92E-07	3.81E-07
9.96E+02	3.30E-03	6.17E-03	1.93E-12	3.91E-07	3.80E-07
9.97E+02	3.29E-03	6.15E-03	1.93E-12	3.91E-07	3.79E-07
9.98E+02	3.29E-03	6.14E-03	1.93E-12	3.90E-07	3.79E-07
9.99E+02	3.28E-03	6.13E-03	1.92E-12	3.89E-07	3.78E-07
1.00E+03	3.28E-03	6.12E-03	1.92E-12	3.89E-07	3.78E-07



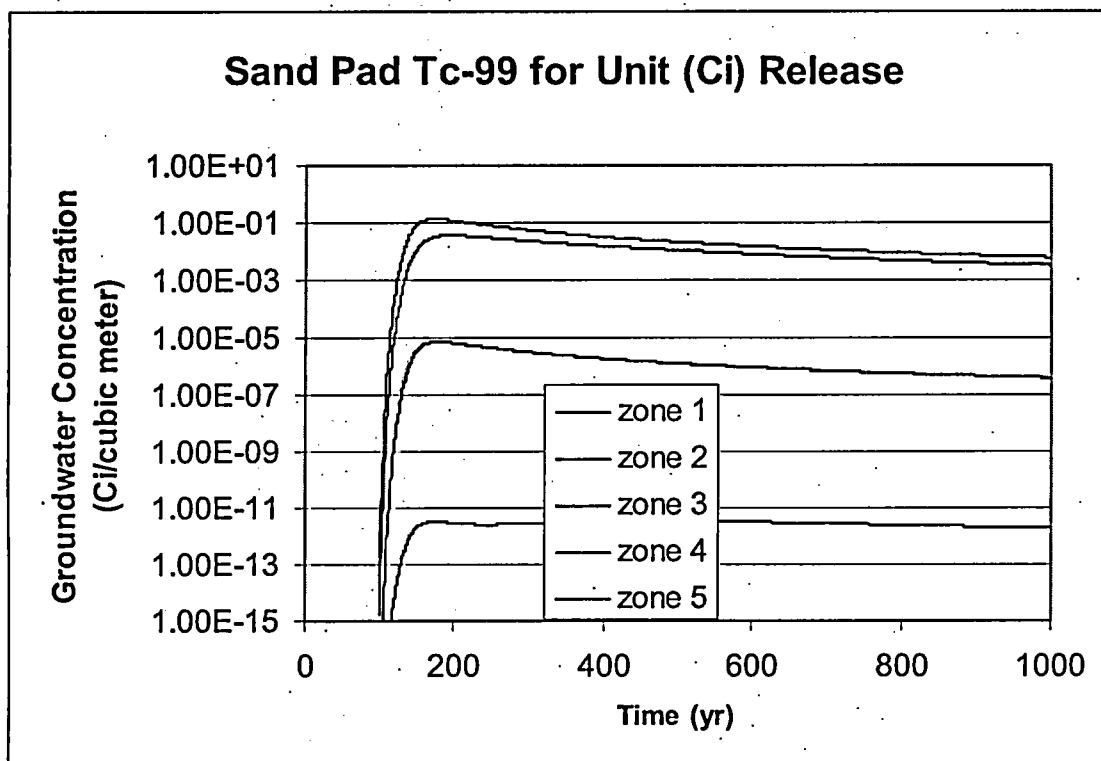


Figure 6.  $^{99}\text{Tc}$  groundwater concentrations at selected locations for a unit Ci release from the sandpad.

Table 6. Groundwater concentrations for  $^{90}\text{Sr}$  unit Ci release from the sandpad.

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.01E+02	4.42E-36	4.20E-32	1.50E-61	1.00E-99	1.00E-99
1.02E+02	1.18E-34	8.67E-31	1.34E-54	1.00E-99	1.00E-99
1.03E+02	1.85E-33	1.24E-29	3.18E-51	3.12E-94	1.00E-99
1.04E+02	2.08E-32	1.29E-28	4.55E-49	1.29E-88	1.00E-99
1.05E+02	1.83E-31	1.04E-27	1.93E-47	2.59E-84	1.00E-99
1.06E+02	1.33E-30	6.95E-27	4.37E-46	7.76E-81	1.00E-99
1.07E+02	8.27E-30	3.99E-26	6.83E-45	6.37E-78	1.00E-99
1.08E+02	4.52E-29	2.02E-25	8.18E-44	2.05E-75	1.00E-99
1.09E+02	2.21E-28	9.24E-25	7.94E-43	3.29E-73	1.00E-99
1.10E+02	9.84E-28	3.86E-24	6.47E-42	3.06E-71	1.00E-99
1.11E+02	4.01E-27	1.49E-23	4.56E-41	1.85E-69	1.00E-99
1.12E+02	1.51E-26	5.32E-23	2.82E-40	7.87E-68	1.00E-99
1.13E+02	5.32E-26	1.78E-22	1.57E-39	2.52E-66	1.00E-99
1.14E+02	1.76E-25	5.61E-22	7.88E-39	6.33E-65	1.00E-99
1.15E+02	5.48E-25	1.67E-21	3.63E-38	1.30E-63	1.00E-99
1.16E+02	1.62E-24	4.73E-21	1.55E-37	2.23E-62	1.00E-99
1.17E+02	4.58E-24	1.28E-20	6.14E-37	3.30E-61	1.72E-99
1.18E+02	1.24E-23	3.30E-20	2.28E-36	4.25E-60	7.72E-98
1.19E+02	3.20E-23	8.20E-20	7.98E-36	4.86E-59	5.88E-96
1.20E+02	7.96E-23	1.96E-19	2.64E-35	4.96E-58	3.54E-94
1.21E+02	1.94E-22	4.59E-19	8.47E-35	4.94E-57	2.09E-92
1.22E+02	4.59E-22	1.04E-18	2.59E-34	4.53E-56	1.02E-90
1.23E+02	1.02E-21	2.24E-18	7.34E-34	3.57E-55	3.67E-89
1.24E+02	2.26E-21	4.76E-18	2.06E-33	2.74E-54	1.21E-87
1.25E+02	4.75E-21	9.65E-18	5.40E-33	1.84E-53	3.08E-86
1.26E+02	9.91E-21	1.95E-17	1.41E-32	1.21E-52	7.41E-85
1.27E+02	1.98E-20	3.75E-17	3.44E-32	7.10E-52	1.43E-83
1.28E+02	3.92E-20	7.20E-17	8.35E-32	4.10E-51	2.66E-82
1.29E+02	7.47E-20	1.33E-16	1.92E-31	2.14E-50	4.08E-81
1.30E+02	1.42E-19	2.44E-16	4.37E-31	1.10E-49	6.09E-80
1.31E+02	2.59E-19	4.33E-16	9.49E-31	5.19E-49	7.69E-79
1.32E+02	4.72E-19	7.65E-16	2.05E-30	2.43E-48	9.52E-78
1.33E+02	8.32E-19	1.31E-15	4.23E-30	1.04E-47	1.02E-76
1.34E+02	1.46E-18	2.23E-15	8.69E-30	4.45E-47	1.07E-75
1.35E+02	2.49E-18	3.69E-15	1.71E-29	1.76E-46	9.86E-75

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.36E+02	4.22E-18	6.08E-15	3.37E-29	6.94E-46	9.01E-74
1.37E+02	6.96E-18	9.75E-15	6.37E-29	2.55E-45	7.28E-73
1.38E+02	1.15E-17	1.56E-14	1.20E-28	9.35E-45	5.86E-72
1.39E+02	1.84E-17	2.43E-14	2.19E-28	3.21E-44	4.22E-71
1.40E+02	2.94E-17	3.79E-14	3.98E-28	1.10E-43	3.03E-70
1.41E+02	4.58E-17	5.75E-14	7.01E-28	3.57E-43	1.96E-69
1.42E+02	7.14E-17	8.73E-14	1.23E-27	1.15E-42	1.27E-68
1.43E+02	1.09E-16	1.29E-13	2.10E-27	3.52E-42	7.50E-68
1.44E+02	1.65E-16	1.92E-13	3.58E-27	1.08E-41	4.43E-67
1.45E+02	2.46E-16	2.78E-13	5.93E-27	3.13E-41	2.39E-66
1.46E+02	3.66E-16	4.03E-13	9.82E-27	9.11E-41	1.30E-65
1.47E+02	5.33E-16	5.72E-13	1.58E-26	2.52E-40	6.49E-65
1.48E+02	7.76E-16	8.12E-13	2.55E-26	6.99E-40	3.26E-64
1.49E+02	1.11E-15	1.13E-12	4.01E-26	1.85E-39	1.52E-63
1.50E+02	1.58E-15	1.58E-12	6.30E-26	4.91E-39	7.09E-63
1.51E+02	2.22E-15	2.16E-12	9.66E-26	1.25E-38	3.08E-62
1.52E+02	3.11E-15	2.95E-12	1.48E-25	3.18E-38	1.35E-61
1.53E+02	4.28E-15	3.97E-12	2.23E-25	7.75E-38	5.51E-61
1.54E+02	5.91E-15	5.35E-12	3.34E-25	1.90E-37	2.27E-60
1.55E+02	8.01E-15	7.08E-12	4.91E-25	4.48E-37	8.76E-60
1.56E+02	1.09E-14	9.38E-12	7.23E-25	1.06E-36	3.41E-59
1.57E+02	1.45E-14	1.23E-11	1.04E-24	2.41E-36	1.25E-58
1.58E+02	1.94E-14	1.60E-11	1.51E-24	5.52E-36	4.60E-58
1.59E+02	2.55E-14	2.06E-11	2.13E-24	1.22E-35	1.60E-57
1.60E+02	3.36E-14	2.66E-11	3.02E-24	2.70E-35	5.62E-57
1.61E+02	4.37E-14	3.38E-11	4.21E-24	5.77E-35	1.87E-56
1.62E+02	5.69E-14	4.29E-11	5.86E-24	1.24E-34	6.26E-56
1.63E+02	7.30E-14	5.39E-11	8.04E-24	2.59E-34	1.99E-55
1.64E+02	9.38E-14	6.77E-11	1.10E-23	5.41E-34	6.38E-55
1.65E+02	1.19E-13	8.41E-11	1.49E-23	1.10E-33	1.94E-54
1.66E+02	1.51E-13	1.04E-10	2.01E-23	2.24E-33	5.99E-54
1.67E+02	1.89E-13	1.28E-10	2.68E-23	4.42E-33	1.75E-53
1.68E+02	2.38E-13	1.58E-10	3.57E-23	8.78E-33	5.20E-53
1.69E+02	2.95E-13	1.92E-10	4.68E-23	1.69E-32	1.47E-52
1.70E+02	3.66E-13	2.33E-10	6.15E-23	3.29E-32	4.19E-52
1.71E+02	4.50E-13	2.81E-10	7.98E-23	6.20E-32	1.14E-51
1.72E+02	5.54E-13	3.38E-10	1.04E-22	1.18E-31	3.15E-51

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
1.73E+02	6.74E-13	4.04E-10	1.33E-22	2.17E-31	8.31E-51
1.74E+02	8.22E-13	4.82E-10	1.70E-22	4.04E-31	2.22E-50
1.75E+02	9.92E-13	5.70E-10	2.16E-22	7.31E-31	5.67E-50
1.76E+02	1.20E-12	6.75E-10	2.73E-22	1.33E-30	1.47E-49
1.77E+02	1.43E-12	7.92E-10	3.43E-22	2.36E-30	3.64E-49
1.78E+02	1.72E-12	9.30E-10	4.30E-22	4.21E-30	9.12E-49
1.79E+02	2.04E-12	1.08E-09	5.33E-22	7.33E-30	2.20E-48
1.80E+02	2.42E-12	1.26E-09	6.62E-22	1.29E-29	5.37E-48
1.81E+02	2.85E-12	1.46E-09	8.14E-22	2.20E-29	1.26E-47
1.82E+02	3.36E-12	1.69E-09	1.00E-21	3.78E-29	2.99E-47
1.83E+02	3.94E-12	1.93E-09	1.22E-21	6.37E-29	6.85E-47
1.84E+02	4.61E-12	2.22E-09	1.48E-21	1.08E-28	1.58E-46
1.85E+02	5.35E-12	2.53E-09	1.79E-21	1.78E-28	3.54E-46
1.86E+02	6.22E-12	2.89E-09	2.16E-21	2.97E-28	7.98E-46
1.87E+02	7.18E-12	3.27E-09	2.59E-21	4.84E-28	1.74E-45
1.88E+02	8.30E-12	3.71E-09	3.10E-21	7.92E-28	3.84E-45
1.89E+02	9.52E-12	4.18E-09	3.68E-21	1.27E-27	8.18E-45
1.90E+02	1.09E-11	4.71E-09	4.37E-21	2.05E-27	1.76E-44
1.91E+02	1.25E-11	5.27E-09	5.15E-21	3.25E-27	3.68E-44
1.92E+02	1.42E-11	5.91E-09	6.08E-21	5.17E-27	7.76E-44
1.93E+02	1.61E-11	6.58E-09	7.11E-21	8.07E-27	1.59E-43
1.94E+02	1.83E-11	7.33E-09	8.32E-21	1.27E-26	3.28E-43
1.95E+02	2.06E-11	8.12E-09	9.67E-21	1.95E-26	6.58E-43
1.96E+02	2.33E-11	9.00E-09	1.12E-20	3.02E-26	1.33E-42
1.97E+02	2.61E-11	9.92E-09	1.30E-20	4.60E-26	2.62E-42
1.98E+02	2.93E-11	1.09E-08	1.50E-20	7.03E-26	5.21E-42
1.99E+02	3.27E-11	1.20E-08	1.72E-20	1.06E-25	1.01E-41
2.00E+02	3.65E-11	1.32E-08	1.97E-20	1.58E-25	1.94E-41
2.01E+02	4.07E-11	1.44E-08	2.25E-20	2.37E-25	3.74E-41
2.02E+02	4.51E-11	1.57E-08	2.56E-20	3.50E-25	7.05E-41
2.03E+02	5.00E-11	1.71E-08	2.91E-20	5.20E-25	1.34E-40
2.04E+02	5.52E-11	1.86E-08	3.29E-20	7.59E-25	2.48E-40
2.05E+02	6.10E-11	2.02E-08	3.72E-20	1.11E-24	4.64E-40
2.06E+02	6.71E-11	2.18E-08	4.18E-20	1.61E-24	8.46E-40
2.07E+02	7.38E-11	2.36E-08	4.70E-20	2.33E-24	1.56E-39
2.08E+02	8.08E-11	2.54E-08	5.26E-20	3.34E-24	2.80E-39
2.09E+02	8.85E-11	2.74E-08	5.89E-20	4.79E-24	5.07E-39

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.10E+02	9.65E-11	2.94E-08	6.56E-20	6.78E-24	8.97E-39
2.11E+02	1.05E-10	3.16E-08	7.30E-20	9.64E-24	1.60E-38
2.12E+02	1.14E-10	3.37E-08	8.09E-20	1.35E-23	2.79E-38
2.13E+02	1.25E-10	3.61E-08	8.97E-20	1.90E-23	4.91E-38
2.14E+02	1.35E-10	3.85E-08	9.89E-20	2.64E-23	8.46E-38
2.15E+02	1.46E-10	4.10E-08	1.09E-19	3.68E-23	1.47E-37
2.16E+02	1.58E-10	4.36E-08	1.20E-19	5.07E-23	2.49E-37
2.17E+02	1.70E-10	4.63E-08	1.32E-19	7.00E-23	4.27E-37
2.18E+02	1.83E-10	4.90E-08	1.44E-19	9.55E-23	7.16E-37
2.19E+02	1.97E-10	5.19E-08	1.57E-19	1.31E-22	1.21E-36
2.20E+02	2.12E-10	5.49E-08	1.71E-19	1.77E-22	2.00E-36
2.21E+02	2.27E-10	5.79E-08	1.87E-19	2.40E-22	3.35E-36
2.22E+02	2.43E-10	6.10E-08	2.03E-19	3.22E-22	5.47E-36
2.23E+02	2.60E-10	6.43E-08	2.20E-19	4.34E-22	9.03E-36
2.24E+02	2.77E-10	6.75E-08	2.38E-19	5.78E-22	1.46E-35
2.25E+02	2.95E-10	7.09E-08	2.57E-19	7.72E-22	2.38E-35
2.26E+02	3.14E-10	7.43E-08	2.77E-19	1.02E-21	3.81E-35
2.27E+02	3.34E-10	7.78E-08	2.99E-19	1.35E-21	6.13E-35
2.28E+02	3.54E-10	8.13E-08	3.21E-19	1.77E-21	9.71E-35
2.29E+02	3.76E-10	8.49E-08	3.44E-19	2.33E-21	1.55E-34
2.30E+02	3.98E-10	8.85E-08	3.68E-19	3.03E-21	2.42E-34
2.31E+02	4.21E-10	9.23E-08	3.94E-19	3.96E-21	3.82E-34
2.32E+02	4.44E-10	9.60E-08	4.21E-19	5.12E-21	5.92E-34
2.33E+02	4.69E-10	9.98E-08	4.49E-19	6.64E-21	9.24E-34
2.34E+02	4.94E-10	1.04E-07	4.77E-19	8.52E-21	1.42E-33
2.35E+02	5.20E-10	1.07E-07	5.08E-19	1.10E-20	2.19E-33
2.36E+02	5.47E-10	1.11E-07	5.39E-19	1.40E-20	3.33E-33
2.37E+02	5.74E-10	1.15E-07	5.71E-19	1.79E-20	5.09E-33
2.38E+02	6.02E-10	1.19E-07	6.04E-19	2.27E-20	7.66E-33
2.39E+02	6.31E-10	1.23E-07	6.39E-19	2.88E-20	1.16E-32
2.40E+02	6.61E-10	1.27E-07	6.74E-19	3.63E-20	1.73E-32
2.41E+02	6.91E-10	1.31E-07	7.11E-19	4.58E-20	2.60E-32
2.42E+02	7.22E-10	1.35E-07	7.48E-19	5.73E-20	3.85E-32
2.43E+02	7.54E-10	1.39E-07	7.87E-19	7.20E-20	5.73E-32
2.44E+02	7.85E-10	1.43E-07	8.26E-19	8.95E-20	8.40E-32
2.45E+02	8.19E-10	1.47E-07	8.66E-19	1.12E-19	1.24E-31
2.46E+02	8.51E-10	1.50E-07	9.07E-19	1.38E-19	1.80E-31

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.47E+02	8.86E-10	1.54E-07	9.50E-19	1.71E-19	2.64E-31
2.48E+02	9.20E-10	1.58E-07	9.92E-19	2.11E-19	3.80E-31
2.49E+02	9.55E-10	1.62E-07	1.04E-18	2.60E-19	5.52E-31
2.50E+02	9.90E-10	1.66E-07	1.08E-18	3.18E-19	7.89E-31
2.51E+02	1.03E-09	1.69E-07	1.13E-18	3.90E-19	1.14E-30
2.52E+02	1.06E-09	1.73E-07	1.17E-18	4.75E-19	1.61E-30
2.53E+02	1.10E-09	1.76E-07	1.22E-18	5.80E-19	2.30E-30
2.54E+02	1.14E-09	1.80E-07	1.26E-18	7.02E-19	3.25E-30
2.55E+02	1.17E-09	1.83E-07	1.31E-18	8.52E-19	4.60E-30
2.56E+02	1.21E-09	1.87E-07	1.36E-18	1.03E-18	6.44E-30
2.57E+02	1.25E-09	1.90E-07	1.41E-18	1.24E-18	9.07E-30
2.58E+02	1.29E-09	1.93E-07	1.45E-18	1.49E-18	1.26E-29
2.59E+02	1.32E-09	1.96E-07	1.50E-18	1.79E-18	1.76E-29
2.60E+02	1.36E-09	2.00E-07	1.55E-18	2.13E-18	2.43E-29
2.61E+02	1.40E-09	2.03E-07	1.60E-18	2.55E-18	3.37E-29
2.62E+02	1.44E-09	2.05E-07	1.65E-18	3.03E-18	4.62E-29
2.63E+02	1.48E-09	2.08E-07	1.70E-18	3.61E-18	6.36E-29
2.64E+02	1.52E-09	2.11E-07	1.75E-18	4.26E-18	8.66E-29
2.65E+02	1.55E-09	2.14E-07	1.80E-18	5.05E-18	1.19E-28
2.66E+02	1.59E-09	2.16E-07	1.84E-18	5.95E-18	1.60E-28
2.67E+02	1.63E-09	2.19E-07	1.89E-18	7.02E-18	2.18E-28
2.68E+02	1.67E-09	2.21E-07	1.94E-18	8.23E-18	2.93E-28
2.69E+02	1.71E-09	2.23E-07	1.99E-18	9.66E-18	3.97E-28
2.70E+02	1.75E-09	2.25E-07	2.03E-18	1.13E-17	5.30E-28
2.71E+02	1.78E-09	2.28E-07	2.08E-18	1.32E-17	7.12E-28
2.72E+02	1.82E-09	2.30E-07	2.13E-18	1.53E-17	9.46E-28
2.73E+02	1.86E-09	2.31E-07	2.17E-18	1.79E-17	1.26E-27
2.74E+02	1.89E-09	2.33E-07	2.22E-18	2.07E-17	1.67E-27
2.75E+02	1.93E-09	2.35E-07	2.26E-18	2.40E-17	2.21E-27
2.76E+02	1.97E-09	2.36E-07	2.31E-18	2.77E-17	2.91E-27
2.77E+02	2.00E-09	2.38E-07	2.35E-18	3.20E-17	3.84E-27
2.78E+02	2.04E-09	2.39E-07	2.39E-18	3.68E-17	5.02E-27
2.79E+02	2.07E-09	2.40E-07	2.43E-18	4.24E-17	6.58E-27
2.80E+02	2.11E-09	2.42E-07	2.48E-18	4.85E-17	8.55E-27
2.81E+02	2.14E-09	2.43E-07	2.52E-18	5.57E-17	1.12E-26
2.82E+02	2.18E-09	2.44E-07	2.55E-18	6.35E-17	1.44E-26
2.83E+02	2.21E-09	2.44E-07	2.59E-18	7.26E-17	1.87E-26

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
2.84E+02	2.24E-09	2.45E-07	2.63E-18	8.25E-17	2.41E-26
2.85E+02	2.27E-09	2.46E-07	2.66E-18	9.40E-17	3.11E-26
2.86E+02	2.30E-09	2.46E-07	2.70E-18	1.06E-16	3.98E-26
2.87E+02	2.33E-09	2.47E-07	2.73E-18	1.21E-16	5.12E-26
2.88E+02	2.36E-09	2.47E-07	2.77E-18	1.36E-16	6.52E-26
2.89E+02	2.39E-09	2.47E-07	2.80E-18	1.54E-16	8.33E-26
2.90E+02	2.42E-09	2.48E-07	2.83E-18	1.74E-16	1.06E-25
2.91E+02	2.45E-09	2.48E-07	2.86E-18	1.96E-16	1.34E-25
2.92E+02	2.48E-09	2.48E-07	2.88E-18	2.20E-16	1.69E-25
2.93E+02	2.50E-09	2.47E-07	2.91E-18	2.47E-16	2.15E-25
2.94E+02	2.53E-09	2.47E-07	2.94E-18	2.76E-16	2.70E-25
2.95E+02	2.55E-09	2.47E-07	2.96E-18	3.09E-16	3.40E-25
2.96E+02	2.58E-09	2.47E-07	2.98E-18	3.45E-16	4.25E-25
2.97E+02	2.60E-09	2.46E-07	3.00E-18	3.85E-16	5.33E-25
2.98E+02	2.62E-09	2.46E-07	3.02E-18	4.29E-16	6.63E-25
2.99E+02	2.65E-09	2.45E-07	3.04E-18	4.77E-16	8.29E-25
3.00E+02	2.67E-09	2.44E-07	3.06E-18	5.29E-16	1.03E-24
3.01E+02	2.69E-09	2.44E-07	3.08E-18	5.87E-16	1.28E-24
3.02E+02	2.71E-09	2.43E-07	3.09E-18	6.49E-16	1.58E-24
3.03E+02	2.72E-09	2.42E-07	3.11E-18	7.19E-16	1.95E-24
3.04E+02	2.74E-09	2.41E-07	3.12E-18	7.92E-16	2.40E-24
3.05E+02	2.76E-09	2.40E-07	3.13E-18	8.75E-16	2.96E-24
3.06E+02	2.78E-09	2.39E-07	3.14E-18	9.62E-16	3.63E-24
3.07E+02	2.79E-09	2.38E-07	3.15E-18	1.06E-15	4.46E-24
3.08E+02	2.80E-09	2.37E-07	3.16E-18	1.16E-15	5.43E-24
3.09E+02	2.82E-09	2.35E-07	3.17E-18	1.27E-15	6.65E-24
3.10E+02	2.83E-09	2.34E-07	3.17E-18	1.39E-15	8.08E-24
3.11E+02	2.84E-09	2.33E-07	3.18E-18	1.53E-15	9.85E-24
3.12E+02	2.85E-09	2.31E-07	3.18E-18	1.67E-15	1.19E-23
3.13E+02	2.86E-09	2.30E-07	3.18E-18	1.82E-15	1.45E-23
3.14E+02	2.87E-09	2.28E-07	3.18E-18	1.98E-15	1.74E-23
3.15E+02	2.88E-09	2.27E-07	3.18E-18	2.16E-15	2.11E-23
3.16E+02	2.89E-09	2.25E-07	3.18E-18	2.34E-15	2.54E-23
3.17E+02	2.90E-09	2.24E-07	3.18E-18	2.54E-15	3.06E-23
3.18E+02	2.90E-09	2.22E-07	3.18E-18	2.76E-15	3.66E-23
3.19E+02	2.91E-09	2.20E-07	3.17E-18	2.99E-15	4.40E-23
3.20E+02	2.91E-09	2.19E-07	3.17E-18	3.23E-15	5.25E-23

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.21E+02	2.92E-09	2.17E-07	3.16E-18	3.49E-15	6.28E-23
3.22E+02	2.92E-09	2.15E-07	3.15E-18	3.77E-15	7.47E-23
3.23E+02	2.92E-09	2.13E-07	3.15E-18	4.06E-15	8.91E-23
3.24E+02	2.93E-09	2.11E-07	3.14E-18	4.37E-15	1.06E-22
3.25E+02	2.93E-09	2.09E-07	3.13E-18	4.71E-15	1.25E-22
3.26E+02	2.93E-09	2.07E-07	3.12E-18	5.05E-15	1.48E-22
3.27E+02	2.93E-09	2.05E-07	3.10E-18	5.43E-15	1.76E-22
3.28E+02	2.93E-09	2.04E-07	3.09E-18	5.82E-15	2.07E-22
3.29E+02	2.92E-09	2.02E-07	3.08E-18	6.24E-15	2.44E-22
3.30E+02	2.92E-09	2.00E-07	3.06E-18	6.67E-15	2.87E-22
3.31E+02	2.92E-09	1.98E-07	3.05E-18	7.13E-15	3.38E-22
3.32E+02	2.91E-09	1.96E-07	3.03E-18	7.61E-15	3.95E-22
3.33E+02	2.91E-09	1.93E-07	3.02E-18	8.12E-15	4.64E-22
3.34E+02	2.90E-09	1.91E-07	3.00E-18	8.65E-15	5.41E-22
3.35E+02	2.90E-09	1.89E-07	2.98E-18	9.22E-15	6.33E-22
3.36E+02	2.89E-09	1.87E-07	2.96E-18	9.79E-15	7.37E-22
3.37E+02	2.88E-09	1.85E-07	2.94E-18	1.04E-14	8.60E-22
3.38E+02	2.88E-09	1.83E-07	2.93E-18	1.10E-14	9.98E-22
3.39E+02	2.87E-09	1.81E-07	2.91E-18	1.17E-14	1.16E-21
3.40E+02	2.86E-09	1.79E-07	2.88E-18	1.24E-14	1.34E-21
3.41E+02	2.85E-09	1.77E-07	2.86E-18	1.32E-14	1.56E-21
3.42E+02	2.84E-09	1.75E-07	2.84E-18	1.39E-14	1.80E-21
3.43E+02	2.83E-09	1.73E-07	2.82E-18	1.47E-14	2.08E-21
3.44E+02	2.82E-09	1.70E-07	2.80E-18	1.55E-14	2.39E-21
3.45E+02	2.81E-09	1.68E-07	2.77E-18	1.64E-14	2.76E-21
3.46E+02	2.80E-09	1.66E-07	2.75E-18	1.72E-14	3.16E-21
3.47E+02	2.78E-09	1.64E-07	2.73E-18	1.82E-14	3.64E-21
3.48E+02	2.77E-09	1.62E-07	2.70E-18	1.91E-14	4.17E-21
3.49E+02	2.76E-09	1.60E-07	2.68E-18	2.01E-14	4.78E-21
3.50E+02	2.75E-09	1.58E-07	2.66E-18	2.11E-14	5.46E-21
3.51E+02	2.73E-09	1.56E-07	2.63E-18	2.21E-14	6.24E-21
3.52E+02	2.72E-09	1.54E-07	2.61E-18	2.32E-14	7.11E-21
3.53E+02	2.70E-09	1.52E-07	2.58E-18	2.43E-14	8.12E-21
3.54E+02	2.69E-09	1.50E-07	2.56E-18	2.55E-14	9.22E-21
3.55E+02	2.67E-09	1.48E-07	2.53E-18	2.66E-14	1.05E-20
3.56E+02	2.66E-09	1.46E-07	2.50E-18	2.78E-14	1.19E-20
3.57E+02	2.64E-09	1.43E-07	2.48E-18	2.91E-14	1.35E-20



Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.58E+02	2.62E-09	1.41E-07	2.45E-18	3.03E-14	1.53E-20
3.59E+02	2.61E-09	1.39E-07	2.42E-18	3.17E-14	1.73E-20
3.60E+02	2.59E-09	1.37E-07	2.40E-18	3.30E-14	1.95E-20
3.61E+02	2.57E-09	1.35E-07	2.37E-18	3.44E-14	2.21E-20
3.62E+02	2.55E-09	1.34E-07	2.35E-18	3.57E-14	2.48E-20
3.63E+02	2.54E-09	1.32E-07	2.32E-18	3.72E-14	2.80E-20
3.64E+02	2.52E-09	1.30E-07	2.29E-18	3.86E-14	3.14E-20
3.65E+02	2.50E-09	1.28E-07	2.26E-18	4.01E-14	3.54E-20
3.66E+02	2.48E-09	1.26E-07	2.24E-18	4.16E-14	3.96E-20
3.67E+02	2.46E-09	1.24E-07	2.21E-18	4.32E-14	4.45E-20
3.68E+02	2.44E-09	1.22E-07	2.18E-18	4.47E-14	4.97E-20
3.69E+02	2.42E-09	1.20E-07	2.16E-18	4.63E-14	5.57E-20
3.70E+02	2.41E-09	1.18E-07	2.13E-18	4.79E-14	6.21E-20
3.71E+02	2.39E-09	1.16E-07	2.10E-18	4.96E-14	6.94E-20
3.72E+02	2.37E-09	1.15E-07	2.08E-18	5.12E-14	7.73E-20
3.73E+02	2.35E-09	1.13E-07	2.05E-18	5.29E-14	8.62E-20
3.74E+02	2.33E-09	1.11E-07	2.02E-18	5.46E-14	9.57E-20
3.75E+02	2.31E-09	1.09E-07	2.00E-18	5.63E-14	1.07E-19
3.76E+02	2.29E-09	1.08E-07	1.97E-18	5.80E-14	1.18E-19
3.77E+02	2.27E-09	1.06E-07	1.94E-18	5.98E-14	1.31E-19
3.78E+02	2.25E-09	1.04E-07	1.92E-18	6.15E-14	1.45E-19
3.79E+02	2.22E-09	1.03E-07	1.89E-18	6.33E-14	1.61E-19
3.80E+02	2.20E-09	1.01E-07	1.87E-18	6.51E-14	1.78E-19
3.81E+02	2.18E-09	9.92E-08	1.84E-18	6.69E-14	1.97E-19
3.82E+02	2.16E-09	9.76E-08	1.81E-18	6.87E-14	2.17E-19
3.83E+02	2.14E-09	9.59E-08	1.79E-18	7.06E-14	2.39E-19
3.84E+02	2.12E-09	9.44E-08	1.76E-18	7.24E-14	2.63E-19
3.85E+02	2.10E-09	9.28E-08	1.74E-18	7.42E-14	2.90E-19
3.86E+02	2.08E-09	9.12E-08	1.71E-18	7.61E-14	3.18E-19
3.87E+02	2.06E-09	8.97E-08	1.69E-18	7.79E-14	3.50E-19
3.88E+02	2.04E-09	8.82E-08	1.66E-18	7.97E-14	3.84E-19
3.89E+02	2.02E-09	8.67E-08	1.64E-18	8.16E-14	4.22E-19
3.90E+02	2.00E-09	8.52E-08	1.61E-18	8.34E-14	4.61E-19
3.91E+02	1.97E-09	8.37E-08	1.59E-18	8.53E-14	5.06E-19
3.92E+02	1.95E-09	8.23E-08	1.57E-18	8.71E-14	5.52E-19
3.93E+02	1.93E-09	8.09E-08	1.54E-18	8.89E-14	6.04E-19
3.94E+02	1.91E-09	7.95E-08	1.52E-18	9.07E-14	6.59E-19

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
3.95E+02	1.89E-09	7.81E-08	1.50E-18	9.26E-14	7.19E-19
3.96E+02	1.87E-09	7.67E-08	1.47E-18	9.43E-14	7.83E-19
3.97E+02	1.85E-09	7.54E-08	1.45E-18	9.61E-14	8.54E-19
3.98E+02	1.83E-09	7.41E-08	1.43E-18	9.79E-14	9.28E-19
3.99E+02	1.81E-09	7.27E-08	1.40E-18	9.97E-14	1.01E-18
4.00E+02	1.79E-09	7.15E-08	1.38E-18	1.01E-13	1.10E-18
4.01E+02	1.77E-09	7.02E-08	1.36E-18	1.03E-13	1.19E-18
4.02E+02	1.75E-09	6.89E-08	1.34E-18	1.05E-13	1.29E-18
4.03E+02	1.73E-09	6.77E-08	1.32E-18	1.06E-13	1.40E-18
4.04E+02	1.71E-09	6.65E-08	1.30E-18	1.08E-13	1.51E-18
4.05E+02	1.69E-09	6.53E-08	1.27E-18	1.10E-13	1.64E-18
4.06E+02	1.67E-09	6.41E-08	1.25E-18	1.11E-13	1.77E-18
4.07E+02	1.64E-09	6.29E-08	1.23E-18	1.13E-13	1.91E-18
4.08E+02	1.63E-09	6.18E-08	1.21E-18	1.14E-13	2.06E-18
4.09E+02	1.61E-09	6.06E-08	1.19E-18	1.16E-13	2.23E-18
4.10E+02	1.59E-09	5.95E-08	1.17E-18	1.18E-13	2.40E-18
4.11E+02	1.57E-09	5.84E-08	1.15E-18	1.19E-13	2.59E-18
4.12E+02	1.55E-09	5.74E-08	1.13E-18	1.20E-13	2.78E-18
4.13E+02	1.53E-09	5.63E-08	1.11E-18	1.22E-13	2.99E-18
4.14E+02	1.51E-09	5.52E-08	1.10E-18	1.23E-13	3.21E-18
4.15E+02	1.49E-09	5.42E-08	1.08E-18	1.25E-13	3.45E-18
4.16E+02	1.47E-09	5.32E-08	1.06E-18	1.26E-13	3.70E-18
4.17E+02	1.45E-09	5.22E-08	1.04E-18	1.27E-13	3.97E-18
4.18E+02	1.43E-09	5.12E-08	1.02E-18	1.28E-13	4.25E-18
4.19E+02	1.41E-09	5.02E-08	1.00E-18	1.29E-13	4.56E-18
4.20E+02	1.39E-09	4.93E-08	9.87E-19	1.31E-13	4.87E-18
4.21E+02	1.38E-09	4.84E-08	9.70E-19	1.32E-13	5.21E-18
4.22E+02	1.36E-09	4.74E-08	9.53E-19	1.33E-13	5.56E-18
4.23E+02	1.34E-09	4.65E-08	9.36E-19	1.34E-13	5.95E-18
4.24E+02	1.32E-09	4.57E-08	9.19E-19	1.35E-13	6.34E-18
4.25E+02	1.30E-09	4.48E-08	9.03E-19	1.36E-13	6.77E-18
4.26E+02	1.29E-09	4.39E-08	8.87E-19	1.37E-13	7.21E-18
4.27E+02	1.27E-09	4.31E-08	8.71E-19	1.38E-13	7.68E-18
4.28E+02	1.25E-09	4.22E-08	8.55E-19	1.38E-13	8.17E-18
4.29E+02	1.23E-09	4.14E-08	8.40E-19	1.39E-13	8.69E-18
4.30E+02	1.22E-09	4.06E-08	8.25E-19	1.40E-13	9.23E-18
4.31E+02	1.20E-09	3.98E-08	8.10E-19	1.41E-13	9.82E-18

Table 6: (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.32E+02	1.18E-09	3.91E-08	7.95E-19	1.41E-13	1.04E-17
4.33E+02	1.17E-09	3.83E-08	7.81E-19	1.42E-13	1.11E-17
4.34E+02	1.15E-09	3.76E-08	7.66E-19	1.42E-13	1.17E-17
4.35E+02	1.13E-09	3.68E-08	7.52E-19	1.43E-13	1.24E-17
4.36E+02	1.12E-09	3.61E-08	7.39E-19	1.43E-13	1.31E-17
4.37E+02	1.10E-09	3.54E-08	7.25E-19	1.44E-13	1.39E-17
4.38E+02	1.09E-09	3.47E-08	7.11E-19	1.44E-13	1.47E-17
4.39E+02	1.07E-09	3.40E-08	6.98E-19	1.45E-13	1.56E-17
4.40E+02	1.06E-09	3.33E-08	6.85E-19	1.45E-13	1.64E-17
4.41E+02	1.04E-09	3.27E-08	6.72E-19	1.45E-13	1.74E-17
4.42E+02	1.03E-09	3.20E-08	6.60E-19	1.45E-13	1.83E-17
4.43E+02	1.01E-09	3.14E-08	6.47E-19	1.46E-13	1.93E-17
4.44E+02	9.95E-10	3.08E-08	6.35E-19	1.46E-13	2.04E-17
4.45E+02	9.80E-10	3.01E-08	6.23E-19	1.46E-13	2.15E-17
4.46E+02	9.66E-10	2.95E-08	6.11E-19	1.46E-13	2.26E-17
4.47E+02	9.51E-10	2.89E-08	6.00E-19	1.46E-13	2.38E-17
4.48E+02	9.37E-10	2.84E-08	5.88E-19	1.46E-13	2.50E-17
4.49E+02	9.23E-10	2.78E-08	5.77E-19	1.46E-13	2.63E-17
4.50E+02	9.09E-10	2.72E-08	5.66E-19	1.46E-13	2.76E-17
4.51E+02	8.95E-10	2.67E-08	5.55E-19	1.46E-13	2.90E-17
4.52E+02	8.82E-10	2.61E-08	5.45E-19	1.45E-13	3.04E-17
4.53E+02	8.68E-10	2.56E-08	5.34E-19	1.45E-13	3.19E-17
4.54E+02	8.55E-10	2.51E-08	5.24E-19	1.45E-13	3.34E-17
4.55E+02	8.42E-10	2.46E-08	5.13E-19	1.45E-13	3.50E-17
4.56E+02	8.29E-10	2.41E-08	5.04E-19	1.44E-13	3.67E-17
4.57E+02	8.16E-10	2.36E-08	4.94E-19	1.44E-13	3.84E-17
4.58E+02	8.04E-10	2.31E-08	4.84E-19	1.44E-13	4.02E-17
4.59E+02	7.91E-10	2.26E-08	4.75E-19	1.43E-13	4.20E-17
4.60E+02	7.79E-10	2.22E-08	4.65E-19	1.43E-13	4.39E-17
4.61E+02	7.66E-10	2.17E-08	4.56E-19	1.42E-13	4.59E-17
4.62E+02	7.55E-10	2.13E-08	4.47E-19	1.42E-13	4.79E-17
4.63E+02	7.43E-10	2.08E-08	4.38E-19	1.41E-13	5.00E-17
4.64E+02	7.31E-10	2.04E-08	4.30E-19	1.41E-13	5.21E-17
4.65E+02	7.19E-10	2.00E-08	4.21E-19	1.40E-13	5.44E-17
4.66E+02	7.08E-10	1.96E-08	4.13E-19	1.40E-13	5.66E-17
4.67E+02	6.97E-10	1.91E-08	4.05E-19	1.39E-13	5.90E-17
4.68E+02	6.86E-10	1.88E-08	3.97E-19	1.38E-13	6.14E-17

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
4.69E+02	6.74E-10	1.84E-08	3.89E-19	1.37E-13	6.39E-17
4.70E+02	6.64E-10	1.80E-08	3.81E-19	1.37E-13	6.64E-17
4.71E+02	6.53E-10	1.76E-08	3.73E-19	1.36E-13	6.91E-17
4.72E+02	6.42E-10	1.72E-08	3.66E-19	1.35E-13	7.18E-17
4.73E+02	6.32E-10	1.69E-08	3.58E-19	1.34E-13	7.46E-17
4.74E+02	6.22E-10	1.65E-08	3.51E-19	1.34E-13	7.74E-17
4.75E+02	6.11E-10	1.62E-08	3.44E-19	1.33E-13	8.04E-17
4.76E+02	6.01E-10	1.58E-08	3.37E-19	1.32E-13	8.33E-17
4.77E+02	5.91E-10	1.55E-08	3.30E-19	1.31E-13	8.65E-17
4.78E+02	5.82E-10	1.52E-08	3.24E-19	1.30E-13	8.96E-17
4.79E+02	5.72E-10	1.49E-08	3.17E-19	1.29E-13	9.28E-17
4.80E+02	5.63E-10	1.46E-08	3.11E-19	1.28E-13	9.61E-17
4.81E+02	5.53E-10	1.42E-08	3.04E-19	1.27E-13	9.95E-17
4.82E+02	5.44E-10	1.39E-08	2.98E-19	1.26E-13	1.03E-16
4.83E+02	5.35E-10	1.36E-08	2.92E-19	1.26E-13	1.06E-16
4.84E+02	5.26E-10	1.34E-08	2.86E-19	1.25E-13	1.10E-16
4.85E+02	5.17E-10	1.31E-08	2.80E-19	1.24E-13	1.14E-16
4.86E+02	5.09E-10	1.28E-08	2.75E-19	1.23E-13	1.17E-16
4.87E+02	5.00E-10	1.25E-08	2.69E-19	1.22E-13	1.21E-16
4.88E+02	4.92E-10	1.23E-08	2.63E-19	1.20E-13	1.25E-16
4.89E+02	4.83E-10	1.20E-08	2.58E-19	1.19E-13	1.29E-16
4.90E+02	4.75E-10	1.17E-08	2.53E-19	1.18E-13	1.33E-16
4.91E+02	4.67E-10	1.15E-08	2.47E-19	1.17E-13	1.37E-16
4.92E+02	4.59E-10	1.12E-08	2.42E-19	1.16E-13	1.42E-16
4.93E+02	4.51E-10	1.10E-08	2.37E-19	1.15E-13	1.46E-16
4.94E+02	4.44E-10	1.08E-08	2.32E-19	1.14E-13	1.50E-16
4.95E+02	4.36E-10	1.05E-08	2.27E-19	1.13E-13	1.55E-16
4.96E+02	4.28E-10	1.03E-08	2.23E-19	1.12E-13	1.59E-16
4.97E+02	4.21E-10	1.01E-08	2.18E-19	1.11E-13	1.64E-16
4.98E+02	4.14E-10	9.88E-09	2.14E-19	1.10E-13	1.68E-16
4.99E+02	4.07E-10	9.66E-09	2.09E-19	1.09E-13	1.73E-16
5.00E+02	4.00E-10	9.46E-09	2.05E-19	1.07E-13	1.78E-16
5.01E+02	3.93E-10	9.25E-09	2.00E-19	1.06E-13	1.83E-16
5.02E+02	3.86E-10	9.05E-09	1.96E-19	1.05E-13	1.87E-16
5.03E+02	3.79E-10	8.85E-09	1.92E-19	1.04E-13	1.92E-16
5.04E+02	3.72E-10	8.67E-09	1.88E-19	1.03E-13	1.97E-16
5.05E+02	3.66E-10	8.47E-09	1.84E-19	1.02E-13	2.02E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.06E+02	3.60E-10	8.29E-09	1.80E-19	1.01E-13	2.07E-16
5.07E+02	3.53E-10	8.11E-09	1.76E-19	9.96E-14	2.13E-16
5.08E+02	3.47E-10	7.94E-09	1.73E-19	9.85E-14	2.18E-16
5.09E+02	3.41E-10	7.76E-09	1.69E-19	9.73E-14	2.23E-16
5.10E+02	3.35E-10	7.60E-09	1.65E-19	9.62E-14	2.28E-16
5.11E+02	3.29E-10	7.43E-09	1.62E-19	9.51E-14	2.34E-16
5.12E+02	3.23E-10	7.27E-09	1.58E-19	9.40E-14	2.39E-16
5.13E+02	3.17E-10	7.11E-09	1.55E-19	9.28E-14	2.45E-16
5.14E+02	3.12E-10	6.96E-09	1.52E-19	9.17E-14	2.50E-16
5.15E+02	3.06E-10	6.80E-09	1.48E-19	9.06E-14	2.56E-16
5.16E+02	3.01E-10	6.66E-09	1.45E-19	8.95E-14	2.61E-16
5.17E+02	2.95E-10	6.51E-09	1.42E-19	8.84E-14	2.67E-16
5.18E+02	2.90E-10	6.37E-09	1.39E-19	8.73E-14	2.73E-16
5.19E+02	2.85E-10	6.23E-09	1.36E-19	8.62E-14	2.79E-16
5.20E+02	2.80E-10	6.09E-09	1.33E-19	8.51E-14	2.84E-16
5.21E+02	2.74E-10	5.96E-09	1.30E-19	8.40E-14	2.90E-16
5.22E+02	2.70E-10	5.83E-09	1.28E-19	8.29E-14	2.96E-16
5.23E+02	2.65E-10	5.70E-09	1.25E-19	8.18E-14	3.02E-16
5.24E+02	2.60E-10	5.57E-09	1.22E-19	8.08E-14	3.07E-16
5.25E+02	2.55E-10	5.45E-09	1.20E-19	7.97E-14	3.13E-16
5.26E+02	2.51E-10	5.33E-09	1.17E-19	7.87E-14	3.19E-16
5.27E+02	2.46E-10	5.21E-09	1.14E-19	7.76E-14	3.25E-16
5.28E+02	2.41E-10	5.10E-09	1.12E-19	7.65E-14	3.31E-16
5.29E+02	2.37E-10	4.99E-09	1.10E-19	7.55E-14	3.37E-16
5.30E+02	2.33E-10	4.88E-09	1.07E-19	7.45E-14	3.43E-16
5.31E+02	2.28E-10	4.77E-09	1.05E-19	7.34E-14	3.49E-16
5.32E+02	2.24E-10	4.66E-09	1.03E-19	7.24E-14	3.55E-16
5.33E+02	2.20E-10	4.56E-09	1.00E-19	7.14E-14	3.61E-16
5.34E+02	2.16E-10	4.46E-09	9.82E-20	7.04E-14	3.66E-16
5.35E+02	2.12E-10	4.36E-09	9.61E-20	6.94E-14	3.72E-16
5.36E+02	2.08E-10	4.26E-09	9.40E-20	6.84E-14	3.78E-16
5.37E+02	2.04E-10	4.17E-09	9.19E-20	6.74E-14	3.84E-16
5.38E+02	2.01E-10	4.08E-09	9.00E-20	6.65E-14	3.90E-16
5.39E+02	1.97E-10	3.98E-09	8.80E-20	6.55E-14	3.96E-16
5.40E+02	1.93E-10	3.90E-09	8.61E-20	6.45E-14	4.02E-16
5.41E+02	1.90E-10	3.81E-09	8.42E-20	6.36E-14	4.08E-16
5.42E+02	1.86E-10	3.73E-09	8.24E-20	6.27E-14	4.13E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.43E+02	1.83E-10	3.64E-09	8.05E-20	6.17E-14	4.19E-16
5.44E+02	1.79E-10	3.56E-09	7.88E-20	6.08E-14	4.25E-16
5.45E+02	1.76E-10	3.48E-09	7.70E-20	5.99E-14	4.31E-16
5.46E+02	1.73E-10	3.40E-09	7.54E-20	5.90E-14	4.36E-16
5.47E+02	1.69E-10	3.33E-09	7.37E-20	5.81E-14	4.42E-16
5.48E+02	1.66E-10	3.25E-09	7.21E-20	5.72E-14	4.48E-16
5.49E+02	1.63E-10	3.18E-09	7.05E-20	5.63E-14	4.53E-16
5.50E+02	1.60E-10	3.11E-09	6.90E-20	5.55E-14	4.59E-16
5.51E+02	1.57E-10	3.04E-09	6.74E-20	5.46E-14	4.64E-16
5.52E+02	1.54E-10	2.97E-09	6.60E-20	5.38E-14	4.69E-16
5.53E+02	1.51E-10	2.91E-09	6.45E-20	5.29E-14	4.75E-16
5.54E+02	1.48E-10	2.84E-09	6.31E-20	5.21E-14	4.80E-16
5.55E+02	1.45E-10	2.78E-09	6.17E-20	5.13E-14	4.85E-16
5.56E+02	1.43E-10	2.72E-09	6.03E-20	5.05E-14	4.91E-16
5.57E+02	1.40E-10	2.65E-09	5.90E-20	4.96E-14	4.96E-16
5.58E+02	1.37E-10	2.59E-09	5.77E-20	4.89E-14	5.01E-16
5.59E+02	1.35E-10	2.54E-09	5.64E-20	4.81E-14	5.06E-16
5.60E+02	1.32E-10	2.48E-09	5.52E-20	4.73E-14	5.11E-16
5.61E+02	1.29E-10	2.42E-09	5.39E-20	4.65E-14	5.16E-16
5.62E+02	1.27E-10	2.37E-09	5.27E-20	4.58E-14	5.20E-16
5.63E+02	1.25E-10	2.31E-09	5.16E-20	4.50E-14	5.25E-16
5.64E+02	1.22E-10	2.26E-09	5.04E-20	4.43E-14	5.30E-16
5.65E+02	1.20E-10	2.21E-09	4.93E-20	4.36E-14	5.34E-16
5.66E+02	1.18E-10	2.16E-09	4.82E-20	4.29E-14	5.39E-16
5.67E+02	1.15E-10	2.11E-09	4.71E-20	4.21E-14	5.43E-16
5.68E+02	1.13E-10	2.07E-09	4.61E-20	4.14E-14	5.48E-16
5.69E+02	1.11E-10	2.02E-09	4.51E-20	4.07E-14	5.52E-16
5.70E+02	1.09E-10	1.97E-09	4.41E-20	4.01E-14	5.56E-16
5.71E+02	1.07E-10	1.93E-09	4.31E-20	3.94E-14	5.60E-16
5.72E+02	1.05E-10	1.89E-09	4.21E-20	3.87E-14	5.64E-16
5.73E+02	1.03E-10	1.84E-09	4.12E-20	3.81E-14	5.68E-16
5.74E+02	1.01E-10	1.80E-09	4.03E-20	3.74E-14	5.72E-16
5.75E+02	9.86E-11	1.76E-09	3.93E-20	3.68E-14	5.76E-16
5.76E+02	9.67E-11	1.72E-09	3.85E-20	3.62E-14	5.79E-16
5.77E+02	9.48E-11	1.68E-09	3.76E-20	3.55E-14	5.83E-16
5.78E+02	9.30E-11	1.64E-09	3.68E-20	3.49E-14	5.86E-16
5.79E+02	9.11E-11	1.61E-09	3.59E-20	3.43E-14	5.89E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
5.80E+02	8.94E-11	1.57E-09	3.51E-20	3.38E-14	5.93E-16
5.81E+02	8.76E-11	1.53E-09	3.43E-20	3.32E-14	5.96E-16
5.82E+02	8.59E-11	1.50E-09	3.36E-20	3.26E-14	5.99E-16
5.83E+02	8.42E-11	1.46E-09	3.28E-20	3.20E-14	6.02E-16
5.84E+02	8.26E-11	1.43E-09	3.21E-20	3.15E-14	6.05E-16
5.85E+02	8.09E-11	1.40E-09	3.14E-20	3.09E-14	6.07E-16
5.86E+02	7.94E-11	1.37E-09	3.07E-20	3.04E-14	6.10E-16
5.87E+02	7.78E-11	1.34E-09	3.00E-20	2.98E-14	6.13E-16
5.88E+02	7.63E-11	1.31E-09	2.93E-20	2.93E-14	6.15E-16
5.89E+02	7.48E-11	1.28E-09	2.86E-20	2.88E-14	6.17E-16
5.90E+02	7.33E-11	1.25E-09	2.80E-20	2.83E-14	6.19E-16
5.91E+02	7.18E-11	1.22E-09	2.74E-20	2.78E-14	6.22E-16
5.92E+02	7.04E-11	1.19E-09	2.67E-20	2.73E-14	6.24E-16
5.93E+02	6.90E-11	1.16E-09	2.61E-20	2.68E-14	6.25E-16
5.94E+02	6.77E-11	1.14E-09	2.56E-20	2.63E-14	6.27E-16
5.95E+02	6.63E-11	1.11E-09	2.50E-20	2.58E-14	6.29E-16
5.96E+02	6.50E-11	1.09E-09	2.44E-20	2.54E-14	6.31E-16
5.97E+02	6.37E-11	1.06E-09	2.38E-20	2.49E-14	6.32E-16
5.98E+02	6.25E-11	1.04E-09	2.33E-20	2.44E-14	6.33E-16
5.99E+02	6.12E-11	1.01E-09	2.28E-20	2.40E-14	6.35E-16
6.00E+02	6.00E-11	9.90E-10	2.23E-20	2.36E-14	6.36E-16
6.01E+02	5.88E-11	9.67E-10	2.18E-20	2.31E-14	6.37E-16
6.02E+02	5.76E-11	9.45E-10	2.13E-20	2.27E-14	6.38E-16
6.03E+02	5.65E-11	9.23E-10	2.08E-20	2.23E-14	6.39E-16
6.04E+02	5.54E-11	9.02E-10	2.03E-20	2.19E-14	6.39E-16
6.05E+02	5.43E-11	8.81E-10	1.99E-20	2.15E-14	6.40E-16
6.06E+02	5.32E-11	8.61E-10	1.94E-20	2.11E-14	6.41E-16
6.07E+02	5.21E-11	8.41E-10	1.90E-20	2.07E-14	6.41E-16
6.08E+02	5.11E-11	8.22E-10	1.85E-20	2.03E-14	6.41E-16
6.09E+02	5.00E-11	8.03E-10	1.81E-20	1.99E-14	6.41E-16
6.10E+02	4.90E-11	7.85E-10	1.77E-20	1.96E-14	6.42E-16
6.11E+02	4.80E-11	7.66E-10	1.73E-20	1.92E-14	6.42E-16
6.12E+02	4.71E-11	7.49E-10	1.69E-20	1.88E-14	6.42E-16
6.13E+02	4.61E-11	7.32E-10	1.65E-20	1.85E-14	6.41E-16
6.14E+02	4.52E-11	7.15E-10	1.61E-20	1.81E-14	6.41E-16
6.15E+02	4.43E-11	6.98E-10	1.58E-20	1.78E-14	6.41E-16
6.16E+02	4.34E-11	6.83E-10	1.54E-20	1.75E-14	6.40E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.17E+02	4.25E-11	6.67E-10	1.51E-20	1.71E-14	6.40E-16
6.18E+02	4.17E-11	6.52E-10	1.47E-20	1.68E-14	6.39E-16
6.19E+02	4.08E-11	6.36E-10	1.44E-20	1.65E-14	6.38E-16
6.20E+02	4.00E-11	6.22E-10	1.41E-20	1.62E-14	6.37E-16
6.21E+02	3.92E-11	6.07E-10	1.37E-20	1.59E-14	6.36E-16
6.22E+02	3.84E-11	5.94E-10	1.34E-20	1.56E-14	6.35E-16
6.23E+02	3.76E-11	5.80E-10	1.31E-20	1.53E-14	6.34E-16
6.24E+02	3.69E-11	5.66E-10	1.28E-20	1.50E-14	6.33E-16
6.25E+02	3.61E-11	5.53E-10	1.25E-20	1.47E-14	6.32E-16
6.26E+02	3.54E-11	5.41E-10	1.22E-20	1.44E-14	6.30E-16
6.27E+02	3.47E-11	5.28E-10	1.20E-20	1.41E-14	6.29E-16
6.28E+02	3.40E-11	5.16E-10	1.17E-20	1.38E-14	6.27E-16
6.29E+02	3.33E-11	5.04E-10	1.14E-20	1.36E-14	6.26E-16
6.30E+02	3.26E-11	4.92E-10	1.12E-20	1.33E-14	6.24E-16
6.31E+02	3.19E-11	4.81E-10	1.09E-20	1.31E-14	6.22E-16
6.32E+02	3.13E-11	4.70E-10	1.06E-20	1.28E-14	6.20E-16
6.33E+02	3.06E-11	4.59E-10	1.04E-20	1.25E-14	6.18E-16
6.34E+02	3.00E-11	4.48E-10	1.02E-20	1.23E-14	6.16E-16
6.35E+02	2.94E-11	4.38E-10	9.93E-21	1.21E-14	6.14E-16
6.36E+02	2.88E-11	4.28E-10	9.70E-21	1.18E-14	6.12E-16
6.37E+02	2.82E-11	4.18E-10	9.48E-21	1.16E-14	6.10E-16
6.38E+02	2.76E-11	4.08E-10	9.26E-21	1.14E-14	6.07E-16
6.39E+02	2.71E-11	3.99E-10	9.05E-21	1.11E-14	6.05E-16
6.40E+02	2.65E-11	3.90E-10	8.84E-21	1.09E-14	6.03E-16
6.41E+02	2.60E-11	3.80E-10	8.63E-21	1.07E-14	6.00E-16
6.42E+02	2.54E-11	3.72E-10	8.44E-21	1.05E-14	5.97E-16
6.43E+02	2.49E-11	3.63E-10	8.24E-21	1.03E-14	5.95E-16
6.44E+02	2.44E-11	3.55E-10	8.05E-21	1.01E-14	5.92E-16
6.45E+02	2.39E-11	3.46E-10	7.87E-21	9.89E-15	5.89E-16
6.46E+02	2.34E-11	3.38E-10	7.69E-21	9.70E-15	5.86E-16
6.47E+02	2.29E-11	3.31E-10	7.51E-21	9.50E-15	5.84E-16
6.48E+02	2.24E-11	3.23E-10	7.34E-21	9.31E-15	5.81E-16
6.49E+02	2.20E-11	3.15E-10	7.17E-21	9.13E-15	5.78E-16
6.50E+02	2.15E-11	3.08E-10	7.00E-21	8.95E-15	5.75E-16
6.51E+02	2.11E-11	3.01E-10	6.84E-21	8.77E-15	5.71E-16
6.52E+02	2.06E-11	2.94E-10	6.68E-21	8.59E-15	5.68E-16
6.53E+02	2.02E-11	2.87E-10	6.53E-21	8.42E-15	5.65E-16



Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.54E+02	1.98E-11	2.80E-10	6.38E-21	8.25E-15	5.62E-16
6.55E+02	1.94E-11	2.74E-10	6.23E-21	8.08E-15	5.59E-16
6.56E+02	1.90E-11	2.68E-10	6.09E-21	7.92E-15	5.55E-16
6.57E+02	1.86E-11	2.61E-10	5.94E-21	7.76E-15	5.52E-16
6.58E+02	1.82E-11	2.55E-10	5.81E-21	7.61E-15	5.48E-16
6.59E+02	1.78E-11	2.49E-10	5.67E-21	7.45E-15	5.45E-16
6.60E+02	1.75E-11	2.44E-10	5.54E-21	7.30E-15	5.41E-16
6.61E+02	1.71E-11	2.38E-10	5.41E-21	7.15E-15	5.38E-16
6.62E+02	1.67E-11	2.32E-10	5.29E-21	7.01E-15	5.34E-16
6.63E+02	1.64E-11	2.27E-10	5.17E-21	6.87E-15	5.31E-16
6.64E+02	1.61E-11	2.22E-10	5.05E-21	6.73E-15	5.27E-16
6.65E+02	1.57E-11	2.16E-10	4.93E-21	6.59E-15	5.23E-16
6.66E+02	1.54E-11	2.11E-10	4.82E-21	6.46E-15	5.20E-16
6.67E+02	1.51E-11	2.06E-10	4.70E-21	6.32E-15	5.16E-16
6.68E+02	1.48E-11	2.02E-10	4.60E-21	6.20E-15	5.12E-16
6.69E+02	1.44E-11	1.97E-10	4.49E-21	6.07E-15	5.08E-16
6.70E+02	1.41E-11	1.92E-10	4.39E-21	5.95E-15	5.05E-16
6.71E+02	1.38E-11	1.88E-10	4.28E-21	5.82E-15	5.01E-16
6.72E+02	1.36E-11	1.84E-10	4.18E-21	5.70E-15	4.97E-16
6.73E+02	1.33E-11	1.79E-10	4.09E-21	5.59E-15	4.93E-16
6.74E+02	1.30E-11	1.75E-10	3.99E-21	5.47E-15	4.89E-16
6.75E+02	1.27E-11	1.71E-10	3.90E-21	5.36E-15	4.85E-16
6.76E+02	1.25E-11	1.67E-10	3.81E-21	5.25E-15	4.81E-16
6.77E+02	1.22E-11	1.63E-10	3.72E-21	5.14E-15	4.77E-16
6.78E+02	1.19E-11	1.59E-10	3.63E-21	5.04E-15	4.74E-16
6.79E+02	1.17E-11	1.55E-10	3.55E-21	4.93E-15	4.70E-16
6.80E+02	1.14E-11	1.52E-10	3.47E-21	4.83E-15	4.66E-16
6.81E+02	1.12E-11	1.48E-10	3.39E-21	4.73E-15	4.62E-16
6.82E+02	1.10E-11	1.45E-10	3.31E-21	4.63E-15	4.58E-16
6.83E+02	1.07E-11	1.41E-10	3.23E-21	4.53E-15	4.54E-16
6.84E+02	1.05E-11	1.38E-10	3.16E-21	4.44E-15	4.50E-16
6.85E+02	1.03E-11	1.35E-10	3.08E-21	4.35E-15	4.46E-16
6.86E+02	1.01E-11	1.32E-10	3.01E-21	4.26E-15	4.42E-16
6.87E+02	9.86E-12	1.29E-10	2.94E-21	4.17E-15	4.37E-16
6.88E+02	9.65E-12	1.26E-10	2.87E-21	4.08E-15	4.34E-16
6.89E+02	9.45E-12	1.23E-10	2.80E-21	4.00E-15	4.29E-16
6.90E+02	9.25E-12	1.20E-10	2.74E-21	3.92E-15	4.25E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
6.91E+02	9.05E-12	1.17E-10	2.67E-21	3.83E-15	4.21E-16
6.92E+02	8.86E-12	1.14E-10	2.61E-21	3.75E-15	4.17E-16
6.93E+02	8.67E-12	1.12E-10	2.55E-21	3.67E-15	4.13E-16
6.94E+02	8.49E-12	1.09E-10	2.49E-21	3.60E-15	4.09E-16
6.95E+02	8.31E-12	1.06E-10	2.43E-21	3.52E-15	4.05E-16
6.96E+02	8.14E-12	1.04E-10	2.38E-21	3.45E-15	4.01E-16
6.97E+02	7.96E-12	1.02E-10	2.32E-21	3.37E-15	3.97E-16
6.98E+02	7.80E-12	9.92E-11	2.27E-21	3.30E-15	3.93E-16
6.99E+02	7.63E-12	9.68E-11	2.21E-21	3.23E-15	3.89E-16
7.00E+02	7.47E-12	9.46E-11	2.16E-21	3.17E-15	3.85E-16
7.01E+02	7.31E-12	9.23E-11	2.11E-21	3.10E-15	3.81E-16
7.02E+02	7.15E-12	9.02E-11	2.06E-21	3.04E-15	3.77E-16
7.03E+02	7.00E-12	8.80E-11	2.01E-21	2.97E-15	3.73E-16
7.04E+02	6.85E-12	8.60E-11	1.97E-21	2.91E-15	3.69E-16
7.05E+02	6.71E-12	8.40E-11	1.92E-21	2.85E-15	3.65E-16
7.06E+02	6.57E-12	8.20E-11	1.88E-21	2.79E-15	3.62E-16
7.07E+02	6.42E-12	8.01E-11	1.83E-21	2.73E-15	3.58E-16
7.08E+02	6.29E-12	7.82E-11	1.79E-21	2.67E-15	3.54E-16
7.09E+02	6.15E-12	7.63E-11	1.75E-21	2.61E-15	3.50E-16
7.10E+02	6.02E-12	7.46E-11	1.71E-21	2.56E-15	3.46E-16
7.11E+02	5.89E-12	7.28E-11	1.67E-21	2.50E-15	3.42E-16
7.12E+02	5.77E-12	7.11E-11	1.63E-21	2.45E-15	3.38E-16
7.13E+02	5.64E-12	6.94E-11	1.59E-21	2.40E-15	3.34E-16
7.14E+02	5.53E-12	6.78E-11	1.55E-21	2.35E-15	3.31E-16
7.15E+02	5.41E-12	6.62E-11	1.52E-21	2.30E-15	3.27E-16
7.16E+02	5.29E-12	6.47E-11	1.48E-21	2.25E-15	3.23E-16
7.17E+02	5.18E-12	6.31E-11	1.45E-21	2.20E-15	3.19E-16
7.18E+02	5.07E-12	6.17E-11	1.41E-21	2.15E-15	3.16E-16
7.19E+02	4.96E-12	6.02E-11	1.38E-21	2.11E-15	3.12E-16
7.20E+02	4.85E-12	5.88E-11	1.35E-21	2.06E-15	3.08E-16
7.21E+02	4.75E-12	5.74E-11	1.32E-21	2.02E-15	3.05E-16
7.22E+02	4.65E-12	5.61E-11	1.29E-21	1.97E-15	3.01E-16
7.23E+02	4.55E-12	5.47E-11	1.25E-21	1.93E-15	2.97E-16
7.24E+02	4.45E-12	5.35E-11	1.23E-21	1.89E-15	2.94E-16
7.25E+02	4.35E-12	5.22E-11	1.20E-21	1.85E-15	2.90E-16
7.26E+02	4.26E-12	5.10E-11	1.17E-21	1.81E-15	2.87E-16
7.27E+02	4.17E-12	4.97E-11	1.14E-21	1.77E-15	2.83E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.28E+02	4.08E-12	4.86E-11	1.11E-21	1.73E-15	2.80E-16
7.29E+02	3.99E-12	4.74E-11	1.09E-21	1.70E-15	2.76E-16
7.30E+02	3.91E-12	4.63E-11	1.06E-21	1.66E-15	2.73E-16
7.31E+02	3.82E-12	4.52E-11	1.04E-21	1.62E-15	2.69E-16
7.32E+02	3.74E-12	4.42E-11	1.01E-21	1.59E-15	2.66E-16
7.33E+02	3.66E-12	4.31E-11	9.89E-22	1.55E-15	2.63E-16
7.34E+02	3.58E-12	4.21E-11	9.67E-22	1.52E-15	2.59E-16
7.35E+02	3.50E-12	4.11E-11	9.44E-22	1.49E-15	2.56E-16
7.36E+02	3.43E-12	4.02E-11	9.22E-22	1.46E-15	2.53E-16
7.37E+02	3.35E-12	3.92E-11	9.00E-22	1.42E-15	2.49E-16
7.38E+02	3.28E-12	3.83E-11	8.79E-22	1.39E-15	2.46E-16
7.39E+02	3.21E-12	3.74E-11	8.58E-22	1.36E-15	2.43E-16
7.40E+02	3.14E-12	3.65E-11	8.38E-22	1.33E-15	2.40E-16
7.41E+02	3.07E-12	3.56E-11	8.18E-22	1.30E-15	2.36E-16
7.42E+02	3.01E-12	3.48E-11	7.99E-22	1.28E-15	2.33E-16
7.43E+02	2.94E-12	3.40E-11	7.80E-22	1.25E-15	2.30E-16
7.44E+02	2.88E-12	3.32E-11	7.62E-22	1.22E-15	2.27E-16
7.45E+02	2.82E-12	3.24E-11	7.44E-22	1.19E-15	2.24E-16
7.46E+02	2.76E-12	3.16E-11	7.27E-22	1.17E-15	2.21E-16
7.47E+02	2.70E-12	3.09E-11	7.09E-22	1.14E-15	2.18E-16
7.48E+02	2.64E-12	3.02E-11	6.93E-22	1.12E-15	2.15E-16
7.49E+02	2.58E-12	2.94E-11	6.76E-22	1.09E-15	2.12E-16
7.50E+02	2.53E-12	2.87E-11	6.61E-22	1.07E-15	2.09E-16
7.51E+02	2.47E-12	2.81E-11	6.45E-22	1.05E-15	2.06E-16
7.52E+02	2.42E-12	2.74E-11	6.30E-22	1.02E-15	2.04E-16
7.53E+02	2.36E-12	2.67E-11	6.15E-22	1.00E-15	2.01E-16
7.54E+02	2.31E-12	2.61E-11	6.01E-22	9.80E-16	1.98E-16
7.55E+02	2.26E-12	2.55E-11	5.86E-22	9.58E-16	1.95E-16
7.56E+02	2.21E-12	2.49E-11	5.73E-22	9.37E-16	1.92E-16
7.57E+02	2.17E-12	2.43E-11	5.59E-22	9.17E-16	1.90E-16
7.58E+02	2.12E-12	2.37E-11	5.46E-22	8.97E-16	1.87E-16
7.59E+02	2.07E-12	2.32E-11	5.33E-22	8.77E-16	1.84E-16
7.60E+02	2.03E-12	2.26E-11	5.20E-22	8.58E-16	1.82E-16
7.61E+02	1.98E-12	2.21E-11	5.08E-22	8.39E-16	1.79E-16
7.62E+02	1.94E-12	2.16E-11	4.96E-22	8.21E-16	1.76E-16
7.63E+02	1.90E-12	2.11E-11	4.84E-22	8.02E-16	1.74E-16
7.64E+02	1.86E-12	2.06E-11	4.73E-22	7.85E-16	1.71E-16

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
7.65E+02	1.82E-12	2.01E-11	4.62E-22	7.67E-16	1.69E-16
7.66E+02	1.78E-12	1.96E-11	4.51E-22	7.51E-16	1.66E-16
7.67E+02	1.74E-12	1.91E-11	4.40E-22	7.34E-16	1.64E-16
7.68E+02	1.70E-12	1.87E-11	4.30E-22	7.18E-16	1.61E-16
7.69E+02	1.66E-12	1.82E-11	4.20E-22	7.02E-16	1.59E-16
7.70E+02	1.63E-12	1.78E-11	4.10E-22	6.87E-16	1.57E-16
7.71E+02	1.59E-12	1.74E-11	4.00E-22	6.71E-16	1.54E-16
7.72E+02	1.56E-12	1.70E-11	3.91E-22	6.57E-16	1.52E-16
7.73E+02	1.52E-12	1.66E-11	3.82E-22	6.42E-16	1.50E-16
7.74E+02	1.49E-12	1.62E-11	3.73E-22	6.28E-16	1.48E-16
7.75E+02	1.46E-12	1.58E-11	3.64E-22	6.14E-16	1.45E-16
7.76E+02	1.43E-12	1.54E-11	3.55E-22	6.01E-16	1.43E-16
7.77E+02	1.39E-12	1.51E-11	3.47E-22	5.87E-16	1.41E-16
7.78E+02	1.36E-12	1.47E-11	3.39E-22	5.74E-16	1.39E-16
7.79E+02	1.33E-12	1.44E-11	3.31E-22	5.61E-16	1.37E-16
7.80E+02	1.31E-12	1.40E-11	3.23E-22	5.49E-16	1.35E-16
7.81E+02	1.28E-12	1.37E-11	3.15E-22	5.37E-16	1.32E-16
7.82E+02	1.25E-12	1.34E-11	3.08E-22	5.25E-16	1.30E-16
7.83E+02	1.22E-12	1.30E-11	3.00E-22	5.13E-16	1.28E-16
7.84E+02	1.19E-12	1.27E-11	2.93E-22	5.02E-16	1.26E-16
7.85E+02	1.17E-12	1.24E-11	2.86E-22	4.91E-16	1.24E-16
7.86E+02	1.14E-12	1.21E-11	2.80E-22	4.80E-16	1.22E-16
7.87E+02	1.12E-12	1.19E-11	2.73E-22	4.69E-16	1.21E-16
7.88E+02	1.09E-12	1.16E-11	2.67E-22	4.59E-16	1.19E-16
7.89E+02	1.07E-12	1.13E-11	2.60E-22	4.49E-16	1.17E-16
7.90E+02	1.05E-12	1.10E-11	2.54E-22	4.39E-16	1.15E-16
7.91E+02	1.02E-12	1.08E-11	2.48E-22	4.29E-16	1.13E-16
7.92E+02	1.00E-12	1.05E-11	2.42E-22	4.19E-16	1.11E-16
7.93E+02	9.79E-13	1.03E-11	2.37E-22	4.10E-16	1.09E-16
7.94E+02	9.57E-13	1.00E-11	2.31E-22	4.01E-16	1.08E-16
7.95E+02	9.36E-13	9.78E-12	2.25E-22	3.92E-16	1.06E-16
7.96E+02	9.16E-13	9.55E-12	2.20E-22	3.83E-16	1.04E-16
7.97E+02	8.95E-13	9.33E-12	2.15E-22	3.75E-16	1.03E-16
7.98E+02	8.76E-13	9.11E-12	2.10E-22	3.66E-16	1.01E-16
7.99E+02	8.56E-13	8.89E-12	2.05E-22	3.58E-16	9.93E-17
8.00E+02	8.38E-13	8.68E-12	2.00E-22	3.50E-16	9.77E-17
8.01E+02	8.19E-13	8.47E-12	1.95E-22	3.42E-16	9.61E-17

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.02E+02	8.01E-13	8.27E-12	1.91E-22	3.35E-16	9.46E-17
8.03E+02	7.84E-13	8.07E-12	1.86E-22	3.27E-16	9.30E-17
8.04E+02	7.67E-13	7.89E-12	1.82E-22	3.20E-16	9.15E-17
8.05E+02	7.49E-13	7.70E-12	1.77E-22	3.13E-16	8.99E-17
8.06E+02	7.33E-13	7.52E-12	1.73E-22	3.06E-16	8.85E-17
8.07E+02	7.17E-13	7.34E-12	1.69E-22	2.99E-16	8.70E-17
8.08E+02	7.01E-13	7.16E-12	1.65E-22	2.92E-16	8.56E-17
8.09E+02	6.86E-13	6.99E-12	1.61E-22	2.85E-16	8.41E-17
8.10E+02	6.71E-13	6.83E-12	1.57E-22	2.79E-16	8.27E-17
8.11E+02	6.56E-13	6.66E-12	1.54E-22	2.73E-16	8.13E-17
8.12E+02	6.41E-13	6.51E-12	1.50E-22	2.67E-16	8.00E-17
8.13E+02	6.27E-13	6.35E-12	1.46E-22	2.61E-16	7.86E-17
8.14E+02	6.13E-13	6.20E-12	1.43E-22	2.55E-16	7.73E-17
8.15E+02	6.00E-13	6.05E-12	1.40E-22	2.49E-16	7.60E-17
8.16E+02	5.87E-13	5.91E-12	1.36E-22	2.44E-16	7.47E-17
8.17E+02	5.73E-13	5.77E-12	1.33E-22	2.38E-16	7.34E-17
8.18E+02	5.61E-13	5.63E-12	1.30E-22	2.33E-16	7.22E-17
8.19E+02	5.48E-13	5.50E-12	1.27E-22	2.27E-16	7.10E-17
8.20E+02	5.36E-13	5.37E-12	1.24E-22	2.22E-16	6.98E-17
8.21E+02	5.24E-13	5.24E-12	1.21E-22	2.17E-16	6.85E-17
8.22E+02	5.13E-13	5.12E-12	1.18E-22	2.12E-16	6.74E-17
8.23E+02	5.01E-13	4.99E-12	1.15E-22	2.08E-16	6.62E-17
8.24E+02	4.91E-13	4.88E-12	1.13E-22	2.03E-16	6.51E-17
8.25E+02	4.80E-13	4.76E-12	1.10E-22	1.98E-16	6.39E-17
8.26E+02	4.69E-13	4.65E-12	1.07E-22	1.94E-16	6.29E-17
8.27E+02	4.59E-13	4.54E-12	1.05E-22	1.90E-16	6.17E-17
8.28E+02	4.49E-13	4.43E-12	1.02E-22	1.85E-16	6.07E-17
8.29E+02	4.38E-13	4.32E-12	9.98E-23	1.81E-16	5.96E-17
8.30E+02	4.29E-13	4.22E-12	9.75E-23	1.77E-16	5.86E-17
8.31E+02	4.19E-13	4.12E-12	9.51E-23	1.73E-16	5.75E-17
8.32E+02	4.10E-13	4.02E-12	9.29E-23	1.69E-16	5.66E-17
8.33E+02	4.01E-13	3.93E-12	9.06E-23	1.65E-16	5.55E-17
8.34E+02	3.92E-13	3.83E-12	8.85E-23	1.62E-16	5.46E-17
8.35E+02	3.83E-13	3.74E-12	8.64E-23	1.58E-16	5.36E-17
8.36E+02	3.75E-13	3.65E-12	8.44E-23	1.54E-16	5.27E-17
8.37E+02	3.66E-13	3.57E-12	8.23E-23	1.51E-16	5.17E-17
8.38E+02	3.58E-13	3.48E-12	8.04E-23	1.47E-16	5.08E-17

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.39E+02	3.50E-13	3.40E-12	7.85E-23	1.44E-16	4.99E-17
8.40E+02	3.43E-13	3.32E-12	7.66E-23	1.41E-16	4.90E-17
8.41E+02	3.35E-13	3.24E-12	7.48E-23	1.38E-16	4.81E-17
8.42E+02	3.28E-13	3.16E-12	7.30E-23	1.34E-16	4.73E-17
8.43E+02	3.20E-13	3.09E-12	7.13E-23	1.31E-16	4.64E-17
8.44E+02	3.13E-13	3.01E-12	6.96E-23	1.28E-16	4.56E-17
8.45E+02	3.06E-13	2.94E-12	6.79E-23	1.25E-16	4.48E-17
8.46E+02	2.99E-13	2.87E-12	6.64E-23	1.23E-16	4.40E-17
8.47E+02	2.93E-13	2.80E-12	6.48E-23	1.20E-16	4.32E-17
8.48E+02	2.86E-13	2.74E-12	6.32E-23	1.17E-16	4.24E-17
8.49E+02	2.80E-13	2.67E-12	6.17E-23	1.14E-16	4.16E-17
8.50E+02	2.74E-13	2.61E-12	6.03E-23	1.12E-16	4.09E-17
8.51E+02	2.67E-13	2.55E-12	5.88E-23	1.09E-16	4.01E-17
8.52E+02	2.62E-13	2.49E-12	5.74E-23	1.07E-16	3.94E-17
8.53E+02	2.56E-13	2.43E-12	5.61E-23	1.04E-16	3.87E-17
8.54E+02	2.50E-13	2.37E-12	5.47E-23	1.02E-16	3.80E-17
8.55E+02	2.44E-13	2.31E-12	5.34E-23	9.97E-17	3.73E-17
8.56E+02	2.39E-13	2.26E-12	5.22E-23	9.75E-17	3.66E-17
8.57E+02	2.34E-13	2.20E-12	5.09E-23	9.52E-17	3.59E-17
8.58E+02	2.29E-13	2.15E-12	4.97E-23	9.31E-17	3.53E-17
8.59E+02	2.23E-13	2.10E-12	4.85E-23	9.09E-17	3.46E-17
8.60E+02	2.18E-13	2.05E-12	4.74E-23	8.89E-17	3.40E-17
8.61E+02	2.13E-13	2.00E-12	4.62E-23	8.68E-17	3.34E-17
8.62E+02	2.09E-13	1.95E-12	4.52E-23	8.49E-17	3.28E-17
8.63E+02	2.04E-13	1.91E-12	4.41E-23	8.29E-17	3.21E-17
8.64E+02	2.00E-13	1.86E-12	4.30E-23	8.10E-17	3.16E-17
8.65E+02	1.95E-13	1.82E-12	4.20E-23	7.92E-17	3.10E-17
8.66E+02	1.91E-13	1.77E-12	4.10E-23	7.74E-17	3.04E-17
8.67E+02	1.86E-13	1.73E-12	4.00E-23	7.56E-17	2.98E-17
8.68E+02	1.82E-13	1.69E-12	3.91E-23	7.39E-17	2.93E-17
8.69E+02	1.78E-13	1.65E-12	3.81E-23	7.22E-17	2.87E-17
8.70E+02	1.74E-13	1.61E-12	3.73E-23	7.05E-17	2.82E-17
8.71E+02	1.70E-13	1.57E-12	3.64E-23	6.89E-17	2.76E-17
8.72E+02	1.67E-13	1.54E-12	3.55E-23	6.73E-17	2.71E-17
8.73E+02	1.63E-13	1.50E-12	3.46E-23	6.58E-17	2.66E-17
8.74E+02	1.59E-13	1.46E-12	3.38E-23	6.43E-17	2.61E-17
8.75E+02	1.56E-13	1.43E-12	3.30E-23	6.28E-17	2.56E-17

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
8.76E+02	1.52E-13	1.39E-12	3.22E-23	6.14E-17	2.51E-17
8.77E+02	1.49E-13	1.36E-12	3.15E-23	6.00E-17	2.47E-17
8.78E+02	1.45E-13	1.33E-12	3.07E-23	5.86E-17	2.42E-17
8.79E+02	1.42E-13	1.30E-12	3.00E-23	5.72E-17	2.37E-17
8.80E+02	1.39E-13	1.27E-12	2.93E-23	5.60E-17	2.33E-17
8.81E+02	1.36E-13	1.24E-12	2.86E-23	5.47E-17	2.28E-17
8.82E+02	1.33E-13	1.21E-12	2.79E-23	5.34E-17	2.24E-17
8.83E+02	1.30E-13	1.18E-12	2.72E-23	5.22E-17	2.20E-17
8.84E+02	1.27E-13	1.15E-12	2.66E-23	5.10E-17	2.16E-17
8.85E+02	1.24E-13	1.12E-12	2.59E-23	4.98E-17	2.12E-17
8.86E+02	1.21E-13	1.10E-12	2.53E-23	4.87E-17	2.08E-17
8.87E+02	1.19E-13	1.07E-12	2.47E-23	4.75E-17	2.03E-17
8.88E+02	1.16E-13	1.04E-12	2.41E-23	4.65E-17	2.00E-17
8.89E+02	1.13E-13	1.02E-12	2.36E-23	4.54E-17	1.96E-17
8.90E+02	1.11E-13	9.95E-13	2.30E-23	4.44E-17	1.92E-17
8.91E+02	1.08E-13	9.71E-13	2.25E-23	4.33E-17	1.88E-17
8.92E+02	1.06E-13	9.48E-13	2.19E-23	4.23E-17	1.85E-17
8.93E+02	1.03E-13	9.25E-13	2.14E-23	4.14E-17	1.81E-17
8.94E+02	1.01E-13	9.03E-13	2.09E-23	4.04E-17	1.78E-17
8.95E+02	9.89E-14	8.81E-13	2.04E-23	3.95E-17	1.74E-17
8.96E+02	9.67E-14	8.61E-13	1.99E-23	3.86E-17	1.71E-17
8.97E+02	9.45E-14	8.40E-13	1.94E-23	3.77E-17	1.67E-17
8.98E+02	9.24E-14	8.20E-13	1.90E-23	3.68E-17	1.64E-17
8.99E+02	9.03E-14	8.00E-13	1.85E-23	3.60E-17	1.61E-17
9.00E+02	8.83E-14	7.82E-13	1.81E-23	3.51E-17	1.58E-17
9.01E+02	8.63E-14	7.63E-13	1.76E-23	3.43E-17	1.55E-17
9.02E+02	8.44E-14	7.45E-13	1.72E-23	3.35E-17	1.52E-17
9.03E+02	8.24E-14	7.27E-13	1.68E-23	3.28E-17	1.49E-17
9.04E+02	8.06E-14	7.10E-13	1.64E-23	3.20E-17	1.46E-17
9.05E+02	7.88E-14	6.92E-13	1.60E-23	3.13E-17	1.43E-17
9.06E+02	7.70E-14	6.76E-13	1.56E-23	3.06E-17	1.40E-17
9.07E+02	7.53E-14	6.60E-13	1.53E-23	2.98E-17	1.37E-17
9.08E+02	7.36E-14	6.44E-13	1.49E-23	2.92E-17	1.35E-17
9.09E+02	7.19E-14	6.29E-13	1.46E-23	2.85E-17	1.32E-17
9.10E+02	7.03E-14	6.14E-13	1.42E-23	2.78E-17	1.30E-17
9.11E+02	6.87E-14	5.99E-13	1.39E-23	2.72E-17	1.27E-17
9.12E+02	6.72E-14	5.85E-13	1.35E-23	2.66E-17	1.24E-17

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.13E+02	6.56E-14	5.71E-13	1.32E-23	2.59E-17	1.22E-17
9.14E+02	6.42E-14	5.57E-13	1.29E-23	2.54E-17	1.20E-17
9.15E+02	6.27E-14	5.44E-13	1.26E-23	2.48E-17	1.17E-17
9.16E+02	6.13E-14	5.31E-13	1.23E-23	2.42E-17	1.15E-17
9.17E+02	5.99E-14	5.18E-13	1.20E-23	2.36E-17	1.13E-17
9.18E+02	5.86E-14	5.06E-13	1.17E-23	2.31E-17	1.10E-17
9.19E+02	5.73E-14	4.94E-13	1.14E-23	2.25E-17	1.08E-17
9.20E+02	5.60E-14	4.82E-13	1.12E-23	2.20E-17	1.06E-17
9.21E+02	5.47E-14	4.71E-13	1.09E-23	2.15E-17	1.04E-17
9.22E+02	5.35E-14	4.59E-13	1.06E-23	2.10E-17	1.02E-17
9.23E+02	5.23E-14	4.48E-13	1.04E-23	2.05E-17	9.98E-18
9.24E+02	5.11E-14	4.38E-13	1.01E-23	2.01E-17	9.78E-18
9.25E+02	4.99E-14	4.27E-13	9.89E-24	1.96E-17	9.58E-18
9.26E+02	4.88E-14	4.17E-13	9.66E-24	1.91E-17	9.39E-18
9.27E+02	4.77E-14	4.07E-13	9.43E-24	1.87E-17	9.20E-18
9.28E+02	4.66E-14	3.97E-13	9.20E-24	1.83E-17	9.02E-18
9.29E+02	4.56E-14	3.88E-13	8.98E-24	1.78E-17	8.83E-18
9.30E+02	4.46E-14	3.79E-13	8.77E-24	1.74E-17	8.66E-18
9.31E+02	4.35E-14	3.70E-13	8.56E-24	1.70E-17	8.48E-18
9.32E+02	4.26E-14	3.61E-13	8.36E-24	1.66E-17	8.31E-18
9.33E+02	4.16E-14	3.52E-13	8.15E-24	1.62E-17	8.14E-18
9.34E+02	4.07E-14	3.44E-13	7.96E-24	1.59E-17	7.98E-18
9.35E+02	3.97E-14	3.36E-13	7.77E-24	1.55E-17	7.82E-18
9.36E+02	3.88E-14	3.28E-13	7.59E-24	1.51E-17	7.66E-18
9.37E+02	3.80E-14	3.20E-13	7.40E-24	1.48E-17	7.50E-18
9.38E+02	3.71E-14	3.12E-13	7.23E-24	1.44E-17	7.35E-18
9.39E+02	3.63E-14	3.05E-13	7.06E-24	1.41E-17	7.20E-18
9.40E+02	3.54E-14	2.97E-13	6.89E-24	1.38E-17	7.06E-18
9.41E+02	3.46E-14	2.90E-13	6.72E-24	1.35E-17	6.91E-18
9.42E+02	3.39E-14	2.83E-13	6.56E-24	1.32E-17	6.77E-18
9.43E+02	3.31E-14	2.77E-13	6.41E-24	1.28E-17	6.63E-18
9.44E+02	3.23E-14	2.70E-13	6.26E-24	1.26E-17	6.50E-18
9.45E+02	3.16E-14	2.64E-13	6.10E-24	1.23E-17	6.37E-18
9.46E+02	3.09E-14	2.57E-13	5.96E-24	1.20E-17	6.24E-18
9.47E+02	3.02E-14	2.51E-13	5.82E-24	1.17E-17	6.11E-18
9.48E+02	2.95E-14	2.45E-13	5.68E-24	1.14E-17	5.99E-18
9.49E+02	2.88E-14	2.39E-13	5.54E-24	1.12E-17	5.86E-18



Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.50E+02	2.82E-14	2.34E-13	5.41E-24	1.09E-17	5.74E-18
9.51E+02	2.75E-14	2.28E-13	5.28E-24	1.06E-17	5.62E-18
9.52E+02	2.69E-14	2.23E-13	5.16E-24	1.04E-17	5.51E-18
9.53E+02	2.63E-14	2.17E-13	5.03E-24	1.02E-17	5.39E-18
9.54E+02	2.57E-14	2.12E-13	4.91E-24	9.92E-18	5.28E-18
9.55E+02	2.51E-14	2.07E-13	4.79E-24	9.69E-18	5.17E-18
9.56E+02	2.46E-14	2.02E-13	4.68E-24	9.46E-18	5.07E-18
9.57E+02	2.40E-14	1.97E-13	4.57E-24	9.24E-18	4.96E-18
9.58E+02	2.35E-14	1.93E-13	4.46E-24	9.03E-18	4.86E-18
9.59E+02	2.29E-14	1.88E-13	4.35E-24	8.82E-18	4.76E-18
9.60E+02	2.24E-14	1.83E-13	4.25E-24	8.61E-18	4.66E-18
9.61E+02	2.19E-14	1.79E-13	4.15E-24	8.41E-18	4.57E-18
9.62E+02	2.14E-14	1.75E-13	4.05E-24	8.22E-18	4.47E-18
9.63E+02	2.09E-14	1.71E-13	3.95E-24	8.02E-18	4.38E-18
9.64E+02	2.04E-14	1.67E-13	3.86E-24	7.84E-18	4.29E-18
9.65E+02	2.00E-14	1.62E-13	3.77E-24	7.65E-18	4.20E-18
9.66E+02	1.95E-14	1.59E-13	3.68E-24	7.48E-18	4.11E-18
9.67E+02	1.91E-14	1.55E-13	3.59E-24	7.30E-18	4.03E-18
9.68E+02	1.87E-14	1.51E-13	3.50E-24	7.13E-18	3.94E-18
9.69E+02	1.82E-14	1.48E-13	3.42E-24	6.96E-18	3.86E-18
9.70E+02	1.78E-14	1.44E-13	3.34E-24	6.80E-18	3.78E-18
9.71E+02	1.74E-14	1.41E-13	3.26E-24	6.64E-18	3.70E-18
9.72E+02	1.70E-14	1.37E-13	3.18E-24	6.49E-18	3.62E-18
9.73E+02	1.66E-14	1.34E-13	3.10E-24	6.34E-18	3.55E-18
9.74E+02	1.62E-14	1.31E-13	3.03E-24	6.19E-18	3.48E-18
9.75E+02	1.59E-14	1.28E-13	2.96E-24	6.04E-18	3.40E-18
9.76E+02	1.55E-14	1.25E-13	2.89E-24	5.91E-18	3.33E-18
9.77E+02	1.52E-14	1.22E-13	2.82E-24	5.77E-18	3.26E-18
9.78E+02	1.48E-14	1.19E-13	2.75E-24	5.63E-18	3.19E-18
9.79E+02	1.45E-14	1.16E-13	2.68E-24	5.50E-18	3.13E-18
9.80E+02	1.42E-14	1.13E-13	2.62E-24	5.37E-18	3.06E-18
9.81E+02	1.38E-14	1.10E-13	2.56E-24	5.25E-18	3.00E-18
9.82E+02	1.35E-14	1.08E-13	2.50E-24	5.12E-18	2.93E-18
9.83E+02	1.32E-14	1.05E-13	2.44E-24	5.00E-18	2.87E-18
9.84E+02	1.29E-14	1.03E-13	2.38E-24	4.89E-18	2.81E-18
9.85E+02	1.26E-14	1.00E-13	2.32E-24	4.77E-18	2.75E-18
9.86E+02	1.23E-14	9.78E-14	2.27E-24	4.66E-18	2.69E-18

Table 6. (continued).

Time (yr)	Groundwater Concentration (Ci/m <sup>3</sup> )				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
9.87E+02	1.20E-14	9.54E-14	2.21E-24	4.55E-18	2.64E-18
9.88E+02	1.18E-14	9.32E-14	2.16E-24	4.45E-18	2.58E-18
9.89E+02	1.15E-14	9.09E-14	2.11E-24	4.34E-18	2.53E-18
9.90E+02	1.12E-14	8.88E-14	2.06E-24	4.24E-18	2.47E-18
9.91E+02	1.10E-14	8.66E-14	2.01E-24	4.14E-18	2.42E-18
9.92E+02	1.07E-14	8.46E-14	1.96E-24	4.05E-18	2.37E-18
9.93E+02	1.05E-14	8.25E-14	1.91E-24	3.95E-18	2.32E-18
9.94E+02	1.03E-14	8.06E-14	1.87E-24	3.86E-18	2.27E-18
9.95E+02	1.00E-14	7.86E-14	1.82E-24	3.77E-18	2.22E-18
9.96E+02	9.79E-15	7.68E-14	1.78E-24	3.68E-18	2.18E-18
9.97E+02	9.56E-15	7.49E-14	1.74E-24	3.59E-18	2.13E-18
9.98E+02	9.35E-15	7.32E-14	1.70E-24	3.51E-18	2.08E-18
9.99E+02	9.13E-15	7.14E-14	1.66E-24	3.43E-18	2.04E-18
1.00E+03	8.93E-15	6.97E-14	1.62E-24	3.35E-18	2.00E-18

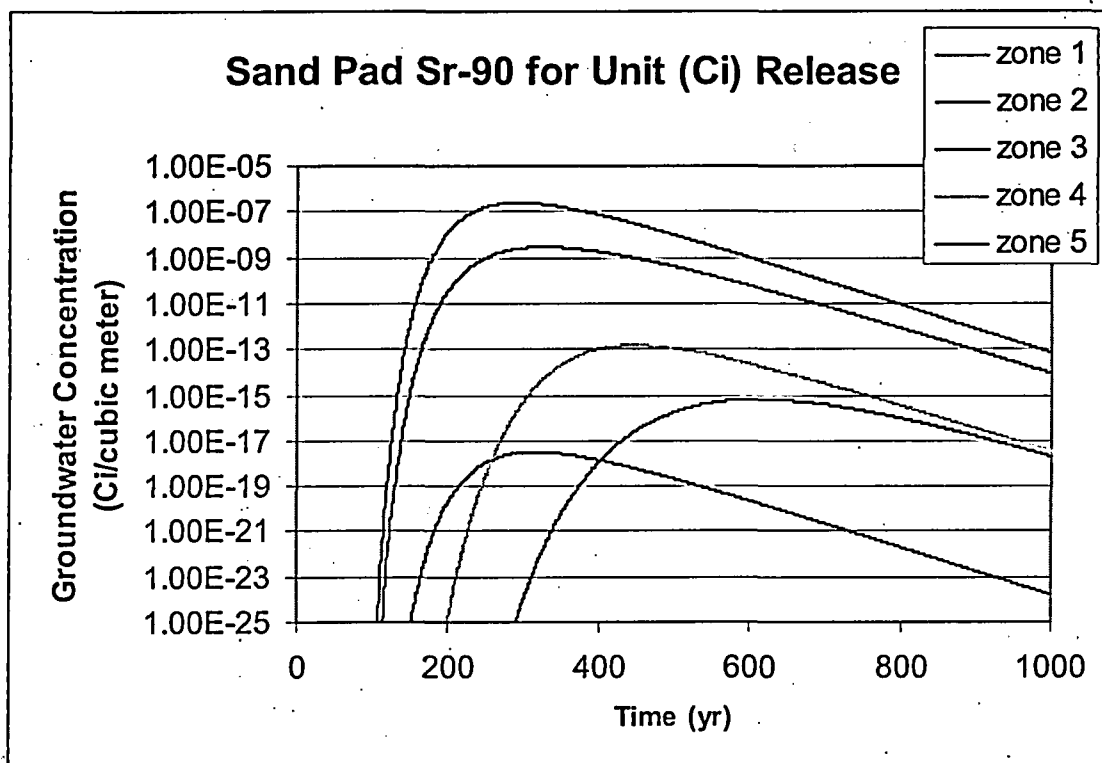


Figure 7.  $^{90}\text{Sr}$  groundwater concentrations at selected locations for a unit Ci release from the sandpad.

### Follow-up Item from June 1 and 20, 2006, Meetings with DOE on INL TFF Waste Determination

During discussions at the June 1 and 20, 2006, meetings between DOE and NRC, the NRC requested additional information. This response satisfies one of those requests.

#### NRC Comment

DOE-ID should try to provide a better explanation regarding the large lateral extent (0.5-1 mile) of the contaminant plume near-surface and as it enters the saturated zone. For example, is the large lateral extent near-surface indicative of perched water in the alluvium? DOE-ID should also explain why the contaminant plume is depicted at the surface of the model domain in Figure 4-2 of the PA when the tanks are located at approximately 45 feet below grade.

#### DOE Response

The explanation regarding the large lateral extent of the contaminant plume near surface is due completely to the pressure gradient that results from the steady-state infiltration boundary condition for the Big Lost River. The large lateral extent of the contaminant plume is not indicative of perched water in the alluvium.

The amount of water that seeps into the ground from the Big Lost River near INTEC was based on estimates provided by Bennett (1990). Using stream flow data from gaging stations located at Lincoln Boulevard (Site 9) and the playas site (Site 14) for the period of 1965 through 1987, Bennett reports average seepage losses of 82,000–210,000 m<sup>3</sup>/d (2,000–5,100 acre-ft/mo). Dividing the seepage losses by the distance between the two gaging stations, 30.1 km (18.7 mi) yields an effective seepage rate of 2.72 and 6.98 m<sup>2</sup>/d per meter of river. For conservative purposes, the higher seepage value was used in the simulation.

Figure 1 provides the pressure gradient in the model domain, while Figure 2 presents the corresponding saturation values for the model domain. Since an average infiltration rate was used for the Big Lost River in the long-term analysis, pressures and low permeable units with variable saturation levels exist in the modeling domain. This modeling system results in contaminant migration laterally away from the Big Lost River until pressure and gravity components reach a state where vertical flow is possible.

The contaminant plume is depicted at the surface of the modeling domain due to two mechanisms. As the plume is transported horizontally from the vaults, dispersion will result in the spread of the contaminant plume laterally and vertically from the contaminant plume center. In addition, boundary conditions and numerical dispersion also result in the spread of the plume to the surface boundary. A no-flux boundary condition was used at the ground surface such that no contaminant mass was lost through this boundary.

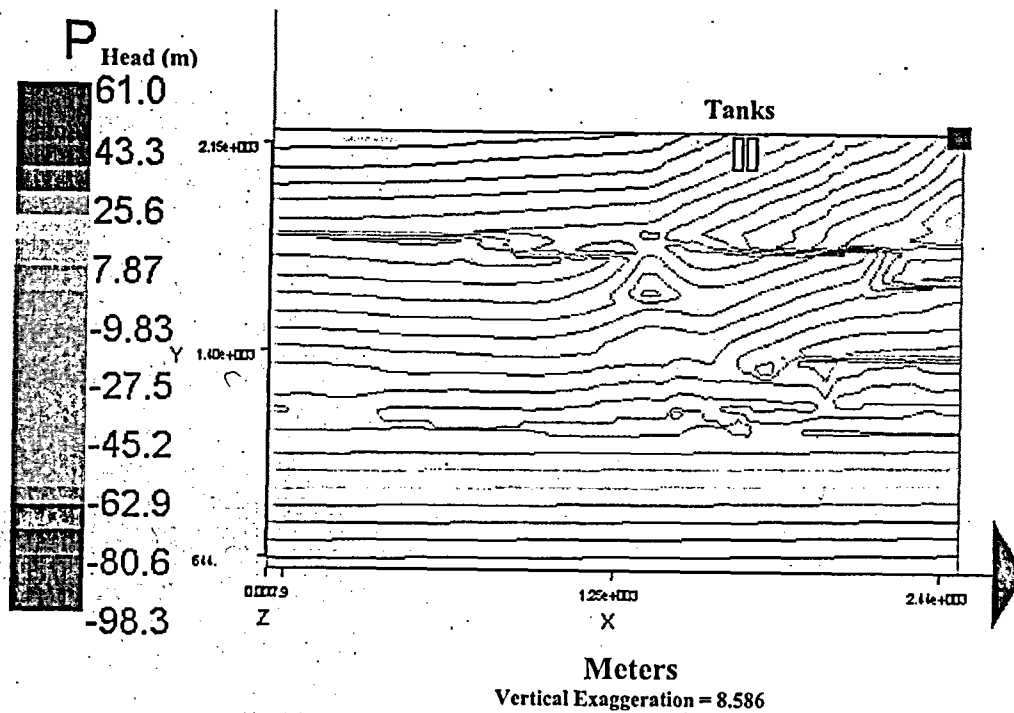


Figure 1. Pressure profile for the TFF PA groundwater domain.

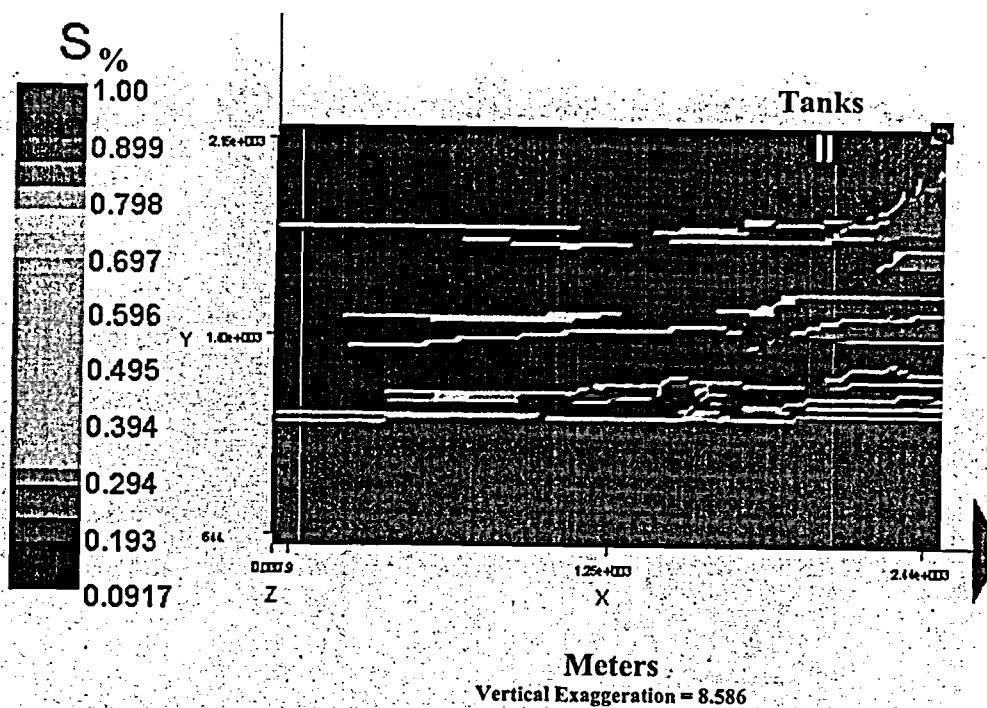


Figure 2. Saturation profile for the TFF PA groundwater domain.

### **Follow-up Item from June 1 and 20, 2006, Meetings with DOE on INL TFF Waste Determination**

During discussions at the June 1 and 20, 2006, meetings between DOE and NRC, the NRC requested additional information. This response satisfies one of those requests.

#### **NRC Comment**

DOE-ID should provide the approximate thickness and extent of perched zones in the final calibrated model in plan view along the cross-section, final calibrated heads at nearby monitoring well locations, and the hydrostratigraphic location of the top of the perched zones. Based on new information that shows the HCM for vadose zone flow at TFF has evolved based on collection of additional characterization data (ICP/EXT-04-0244), NRC needs additional information to determine the goodness of fit of the modeled versus observed heads, to determine the amount of dilution in the perched zones, and to estimate the magnitude of attenuation during lateral transport along the perched zone.

#### **DOE Response**

NRC has requested that DOE provide a plan view map of the perched water bodies along the modeled cross-section. However, the model is two-dimensional, thus preventing any meaningful information in plan view. DOE is providing scaled figures in the modeled cross-section from which the requested information can be measured.

DOE is providing the thickness and extent of the perched water zones for the calibration of the Tank Farm Facility (TFF) performance assessment (PA) groundwater model. The calibration of the perched water bodies was focused on the percolation pond area since a constant source of water was input into this area. This reduced the uncertainty of the calibration that would be encountered based solely on the Big Lost River infiltration, which is highly variable from year to year.

Figure 1 provides the thickness and extent of the perched water zones for the calibration of the model based on the percolation ponds. To calibrate the development of perched groundwater zones caused by seepage from the Big Lost River and the percolation ponds, Table 1 (Table 3-7 in the PA) lists the available monitoring wells, including surface elevations, well depths, screen intervals, and water level elevations.

Figure 2 (Figure 3-19 in the PA) compares the extent of the upper perched zones with the existing monitoring well network. For purposes of model calibration, it was determined that the vertical hydraulic conductivity of the D-DE2 interbed provided the controlling influence on the extent and thickness of the upper perched zone. Available lithologic and hydraulic data indicate that this interbed exhibits the lowest vertical hydraulic conductivity values for the upper perched zone. Interbeds C-D and DE2-DE3 also are important for restricting infiltration and forming perched water zones. Consequently, for calibration purposes, the vertical hydraulic conductivity of the interbeds was adjusted until the lateral extent of the northern perched zone matched the extent predicted by the monitoring wells. In addition, water levels for both of the upper perched zones also were compared with the predicted head values. For the extent of the northern perched zone, it was assumed that the southern edge is located between Wells MW-02, MW-04, MW-05, and MW-18 (wells showing perched water) and Wells MW-08 and MW-11 (wells reported to be dry).

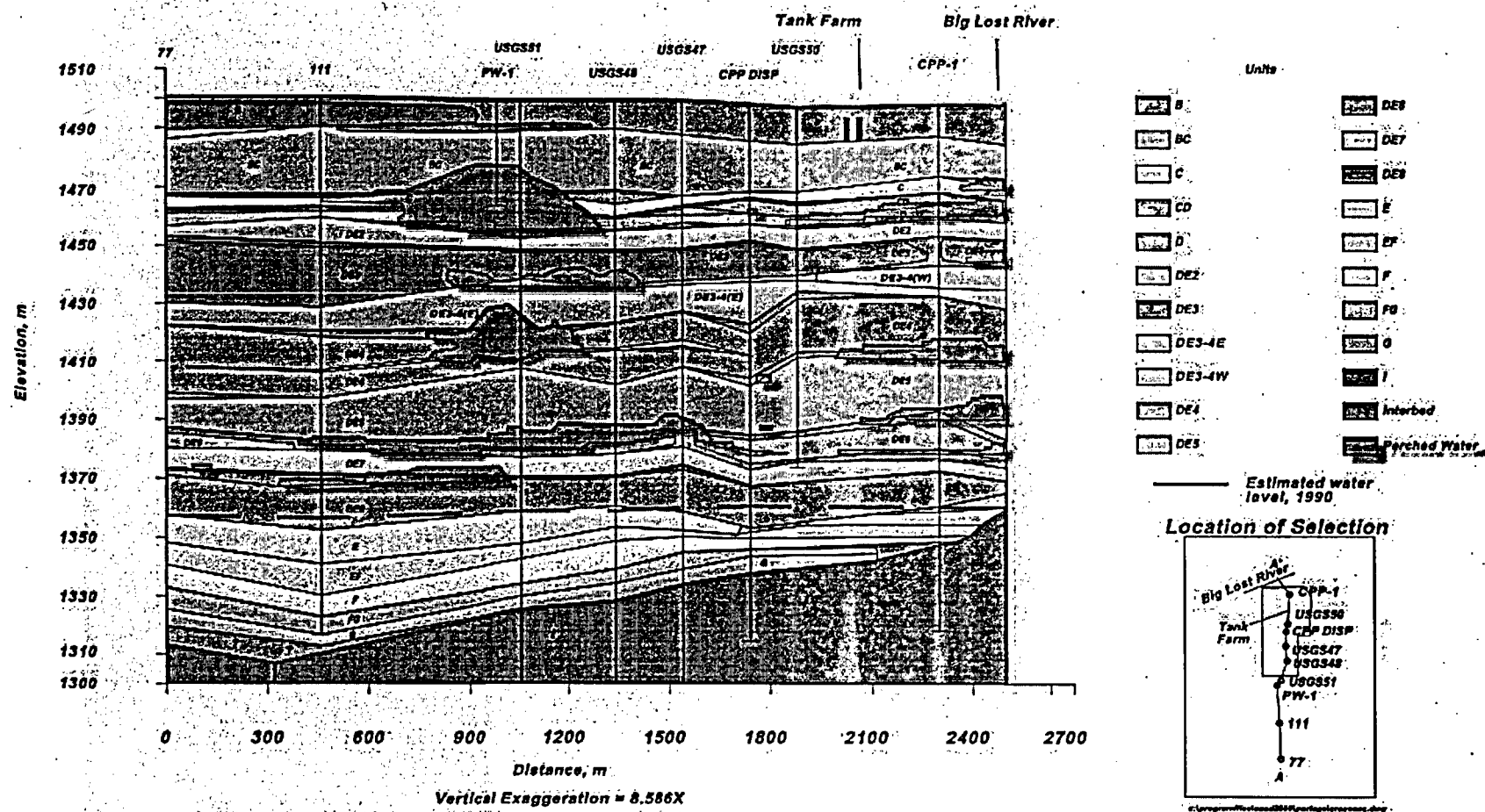


Figure 1. Extent and depth of perched water bodies with percolation ponds in service.

Table 1. Perched water wells at INTEC.

Well No.	Other Well Designation	Surface Elevation (m)	Well Depth (m bgs)	Screen Interval (m amsl)	Average Water Level Elevation (m)	Range in Water Level Elevation (m)
CPP-33-1 (5 cm)		1498.15	30.2	1468.0–1471.0		Dry–1468.4
CPP-33-2 (5 cm)		1497.85	32.3	1465.6–1471.7	1468.2	1467.3–1468.0
CPP-33-3 (5 cm)		1498.00	37.2	1460.8–1463.9	1462.7	
CPP-33-4 (5 cm)	CPP-33-4E	1497.14	36.0	1461.1–1467.2	1466.7	
CPP-37-4					1465.8	
CPP-55-06 (5 cm)		1497.33	34.4	1462.8–1468.9	1465.0	1465.2
MW-1 (2.5 cm)	ICPP-MON-P-001	1498.55	120.4	1386.1–1389.1		Dry
MW-1 (10 cm)		1498.55	120.4	1396.1–1399.2	1402.1	1400.6–1402.42
MW-2	ICPP-MON-P-002	1497.5	38.7	1463.4–1466.4	1464.9	1465.9
MW-3 (2.5 cm)	ICPP-MON-P-003	1498.4	46.1	1462.4–1462.9		Dry
MW-3 (5 cm)		1498.4	46.1	1456.3–1459.4		Dry–1456.5
MW-4 (2.5 cm)	ICPP-MON-P-004	1497.0	39.9	1457.5–1458.0		1457.9
MW-4 (5 cm)		1497.0	39.9	1463.3–1466.3	1464.9	1465.2
MW-5	ICPP-MON-P-005	1498.5	43.0	1460.0–1466.1	1464.9	1463.6
MW-6	ICPP-MON-P-006	1498.5	49.1	1456.8–1462.9	1461.8	1461.9
MW-7 (2.5 cm)	ICPP-MON-P-007	1498.8	53.9	1467.1–1467.6		Dry
MW-7 (5 cm)		1498.8	53.9	1455.5–1458.6	1456.6	1442.4(?)–1456.9
MW-8	ICPP-MON-P-008	1497.1	43.0	1459.0–1462.0		Dry–1459.4
MW-9 (2.5 cm)	ICPP-MON-P-009	1499.5	48.2	1467.3–1467.7		Dry
MW-9 (5 cm)		1499.5	48.2	1459.9–1462.9	1460.3	Dry
MW-10 (2.5 cm)	ICPP-MON-P-010	1498.0	55.2	1474.2–1474.7		Dry–1474.6
MW-10 (5 cm)		1498.0	55.2	1452.0–1455.0	1453.9	1453.9
MW-11 (2.5 cm)	ICPP-MON-P-011	1498.1	45.9	1463.5–1463.9		Dry
MW-11 (5 cm)		1498.1	45.9	1456.6–1458.1	1457.9	Dry
MW-12 (2.5 cm)	ICPP-MON-P-012	1497.5	46.6	1451.7–1452.2		Blocked



Table 1. (continued).

Well No.	Other Well Designation	Surface Elevation (m)	Well Depth (m bgs)	Screen Interval (m amsl)	Average Water Level Elevation (m)	Range in Water Level Elevation (m)
MW-12 (5 cm)		1497.5	46.6	1461.2–1464.3		Dry
MW-13	ICPP-MON-P-013	1499.6	39.0	1467.6–1469.1		Dry
MW-14	ICPP-MON-P-014	1499.3	42.1	1467.6–1470.7		Dry–1467.3(?)
MW-15	ICPP-MON-P-015	1499.2	43.6	1459.3–1465.4	1461.9	1462.9
MW-16	ICPP-MON-P-016	1499.3	38.4	1466.7–1469.8		Dry
MW-17 (2.5 cm)	ICPP-MON-P-017	1499.1	116.1	1415.6–1418.7		Dry
MW-17 (5 cm)		1499.1	116.1	1440.7–1443.7	1441.0	1441.89
MW-17 (10 cm)		1499.1	116.1	1383.0–1389.4	1388.1	1388.91
MW-18 (2.5 cm)	ICPP-MON-P-018	1497.8	150.6	1371.6–1377.7	1373.7	Dry
MW-18 (5 cm)		1497.8	150.6	1460.1–1463.2		Dry
MW-18 (10 cm)		1497.8	150.6	1351.2–1358.0	1356.7	1357.3–1357.7
MW-19	ICPP-MON-P-019					
MW-20 (2.5 cm)	ICPP-MON-P-020	1498.0	46.2	1465.8–1468.8		Dry–1465.9
MW-20 (5 cm)		1498.0	46.2	1452.8–1457.5	1457.3	1457.3
PW-1		1498.85	36.3	1462.6–1468.4	1474.9	1476.4–1478.3
PW-2		1498.70	39.9	1458.8–1464.9	1461.8	1461.5–1461.2
PW-3		1498.55	37.5	1461.1–1467.1	1462.4	1462.6
PW-4		1498.03	45.7	1452.3–1464.5	1475.2	1472.1–1472.8
PW-5		1500.80	39.3	1461.5–1467.6	1477.7	1476.4–1478.0
PW-6		1499.74	38.1	1461.6–1467.7	1462.4	1462.8–1463.6
USGS-50		1498.7	123.4	1375.3–1389.9	1378.0	Dry–1378.0

Sources: INEL 1993; Rodríguez et al. 1997; DOE-ID 1994.

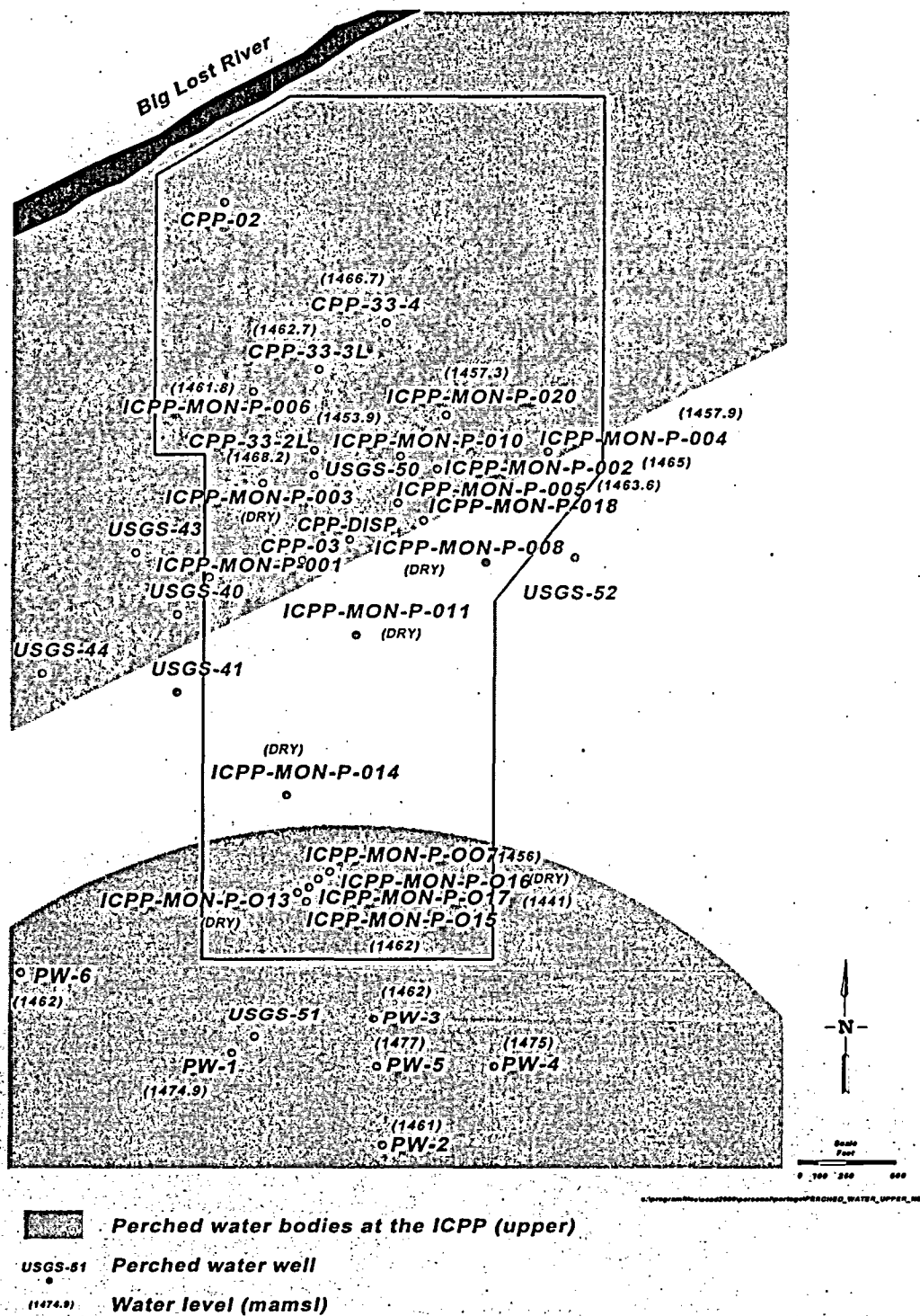


Figure 2. The extent of upper perched water at the INTEC facility based on perched water well data in Table 1.

The southern extent of the Big Lost River perched unit in the calibrated model is located between Wells MW-02, MW-04, MW-05, and MW-18, and Wells MW-08 and MW-11, which is consistent with the well information.

The elevation of the upper perched water emanating from the Big Lost River is predicted by the numerical simulation ranges from approximately 1,460 m (4,790 ft) above mean sea level (amsl) to approximately 1,450 m (4,760 ft) amsl in the southern portion of this perched unit. Table 1 shows water level elevations in the northern portion of this perched unit are as high as 1,468 m (4,817 ft) amsl and as low 1,453 m (4,767 ft) amsl in the southern portion of the perched unit. Because the monitoring wells used for calibration purposes are screened at various depths and the model predicts generally lower water level elevations as the perched unit moves southward, there is a reasonable agreement between the model prediction and the actual site data for the upper perched zone emanating from the Big Lost River.

The model further predicts that water level elevations range from 1,475 m (4,839 ft) amsl directly below the ponds to 1,444 m (4,738 ft) at the base of the perched zone. The southern extent of this perched unit is not shown in the figure but is located 420 m (1,400 ft) south of the southern edge of the pond. For calibration purposes, the first set of wells, compared with the model prediction, is the perched water (PW)-series wells, PW-1 through PW-6 (see Figure 2). These wells show water level elevations that range from 1,462 to 1,478 m (4,797 to 4,849 ft) amsl. Most of the PW-series wells are located adjacent to the ponds, where the steep decline in water levels is evident in the model simulation. The observed water levels in these adjacent PW-series wells are comparable to the water levels based on the model prediction. The variation of the water level data from the PW-series wells is due in part to different screen intervals measuring different hydrologic units.

The second set of wells used to evaluate the depth and extent of the upper perched zone associated with the percolation ponds includes MW-07, MW-13, MW-15, MW-16, and MW-17. The model predicts that all five wells are located within the extent of the upper perched zone. However, Wells MW-13 and MW-16 are dry, while the other three wells contain water. The explanation appears to be the location of the screen interval for these wells. The dry wells, MW-13 and MW-16, are screened above the perched water with the base of the well screens located at 1,468 and 1,467 m (4,817 and 4,813 ft) amsl, respectively. The saturated wells are screened 8 to 28 m (30 to 92 ft) lower and intersect the perched water zone, predicted by the model. This evidence is strong confirmation on the northern extent of the upper perched zone predicted in the TFF groundwater model.

There are only a few wells completed in the deeper perched zones at the site that can be used to evaluate the accuracy of the model predictions. Monitoring Wells MW-1 (10-cm inside diameter), MW-17 (10-cm inside diameter), MW-18 (2.5-cm inside diameter), and USGS-50 are completed in the lower perched aquifer and showed water level elevations that ranged from 1,373.7 to 1,402.1 m (4,506.8 to 4,600.1 ft) in 1995. This compares with the model that predicts a range of water level elevation for the lower perched zone of approximately 1,367 to 1,436 m (4,485 to 4,712 ft).

Comparing individual water level data for the limited number of monitoring wells with the predicted water level elevations based on model predictions yields a reasonable agreement. Monitoring Well MW-01 (10 cm) has a water level elevation of approximately 1,402 m (4,600 ft) amsl. The model results show a perched zone resulting from the low-permeable DE4-DE5 interbed extending southward from the Big Lost River. The water level elevation predicted by the model is approximately 1,400 m (4,600 ft), which is only a 2-m (7-ft) difference than the water level in MW-01. Well MW-17 (10 cm) has a water level elevation of 1,388 m (4,554 ft) amsl, compared with the model that shows a water level elevation of 1,381 m (4,531 ft) for the perched zone resting upon the DE6 interbed. Well MW-18 (2.5 and 10 cm) has water level elevations of 1,374 and 1,357 m (4,508 and 4,452 ft) amsl, respectively. The model predicts several small scattered perched zones at the location that approximate the reported data. Since the MW-18

wells have previously reported dry conditions, the scattered thin perched zones are consistent with the limited amount of perched water in this area.

After the flow calibration was completed, the percolation ponds were turned off (considered to be out of service). The flow file was then run to steady state. The resulting perched water body locations, extent and depth are shown in Figure 3 for the final case where only the Big Lost River is flowing at an average infiltration rate.

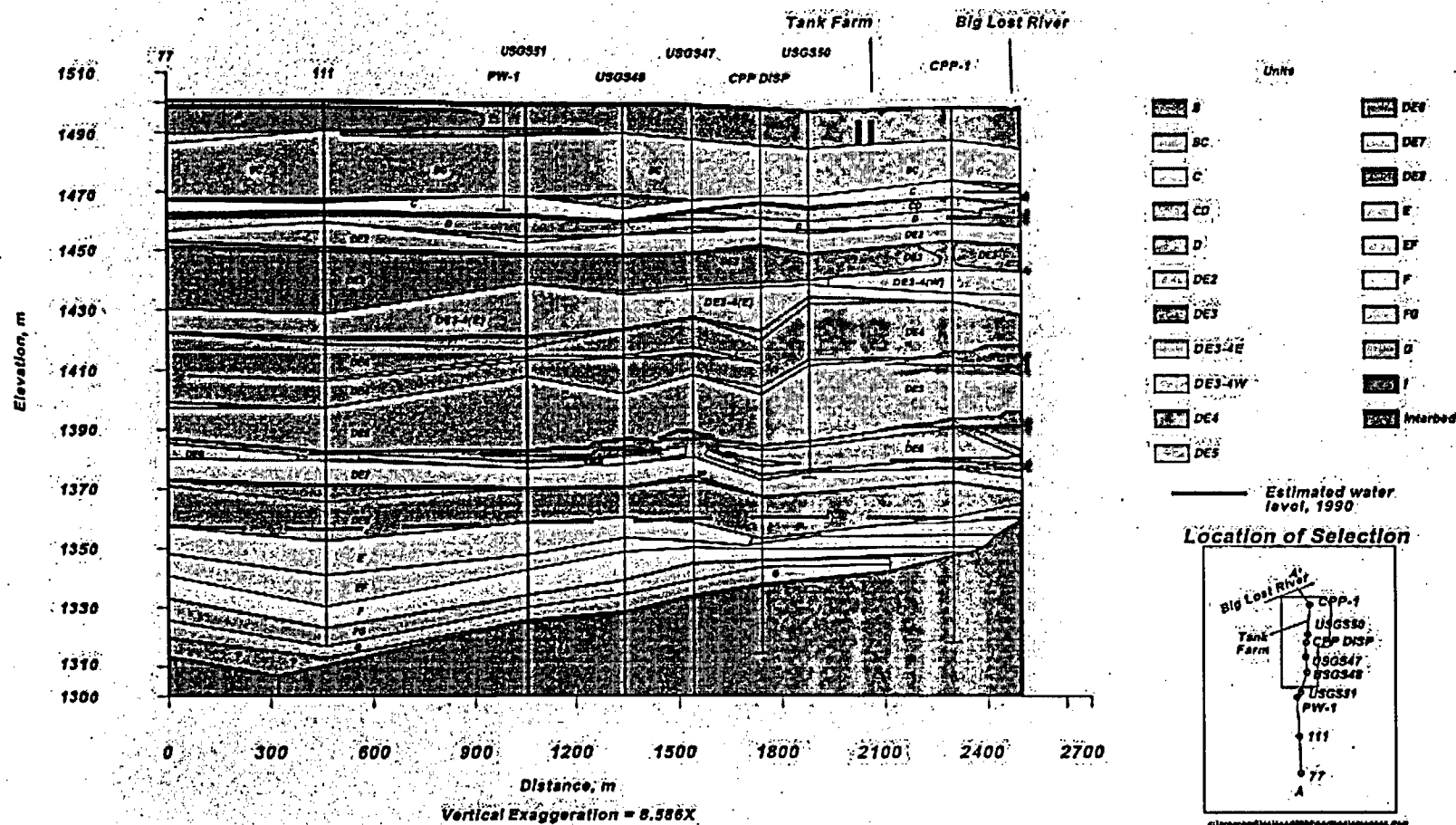


Figure 3. Extent and depth of perched water bodies with percolation ponds out of service.