From: "Suttora, Linda" <Linda.Suttora@em.doe.gov>
To: "Ryan Whited" <ARW2@nrc.gov>, "Xiaosong Yin" <XXY@nrc.gov>
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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Mail Envelope Properties (44BE8BCB.12C : 2 : 45356)

Subject: Remainder of Idaho TFF information
Creation Date 07/19/2006 3:44:44 PM
From: "Suttora, Linda" <Linda.Suttora@em.doe.gov>

Created By: Linda.Suttora@em.doe.gov

Recipients
nrc.gov
TWGWPO04.HQGWDO01
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lockieka CC (Keith A (NE-ID) Lockie)

Post Office	Route
TWGWPO04.HQGWDO01	nrc.gov
	em.doe.gov
	id.doe.gov

Files	Size	Date & Time
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Lateral Movement_7-18-06.pdf	44349	
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Options

Expiration Date:	None
Priority:	Standard
ReplyRequested:	No
Return Notification:	None
Concealed Subject:	No
Security:	Standard

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Analysis of Delayed ^{90}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}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 1.00E–13 m/s and changes to approximately 1.00E–12 m/s and 1.00E–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, 90Sr 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 90Sr 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 90Sr have been examined in the context of extension of failure of the grouted vault past 100 years. A comparison of 90Sr inventory at 100, 250, and 500 years was performed.

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

Table 1. Decay of ^{90}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 90Sr from the sandpad is a reasonable sensitivity case. The effect of delaying release will provide significant decreases in 90Sr inventory available and provide a subsequent decrease in the all-pathways radiation dose.

Dose scaling techniques were performed with the decayed 90Sr 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 90Sr at 250 and 500 years post-closure.

Table 2. All-pathways dose scaling for ^{90}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}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}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}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 decease in the all-pathways dose for vault failures at 250 and 500 years post-closure. The relatively short half-life of ^{90}Sr is the mechanism for the reduction in dose. As shown in Figure 1 and Table 1, the inventory of ^{90}Sr approaches zero in about 250 years. The greatest inventory predicted in the advective flow modeling decays to approximately 5 Ci in 250 years.

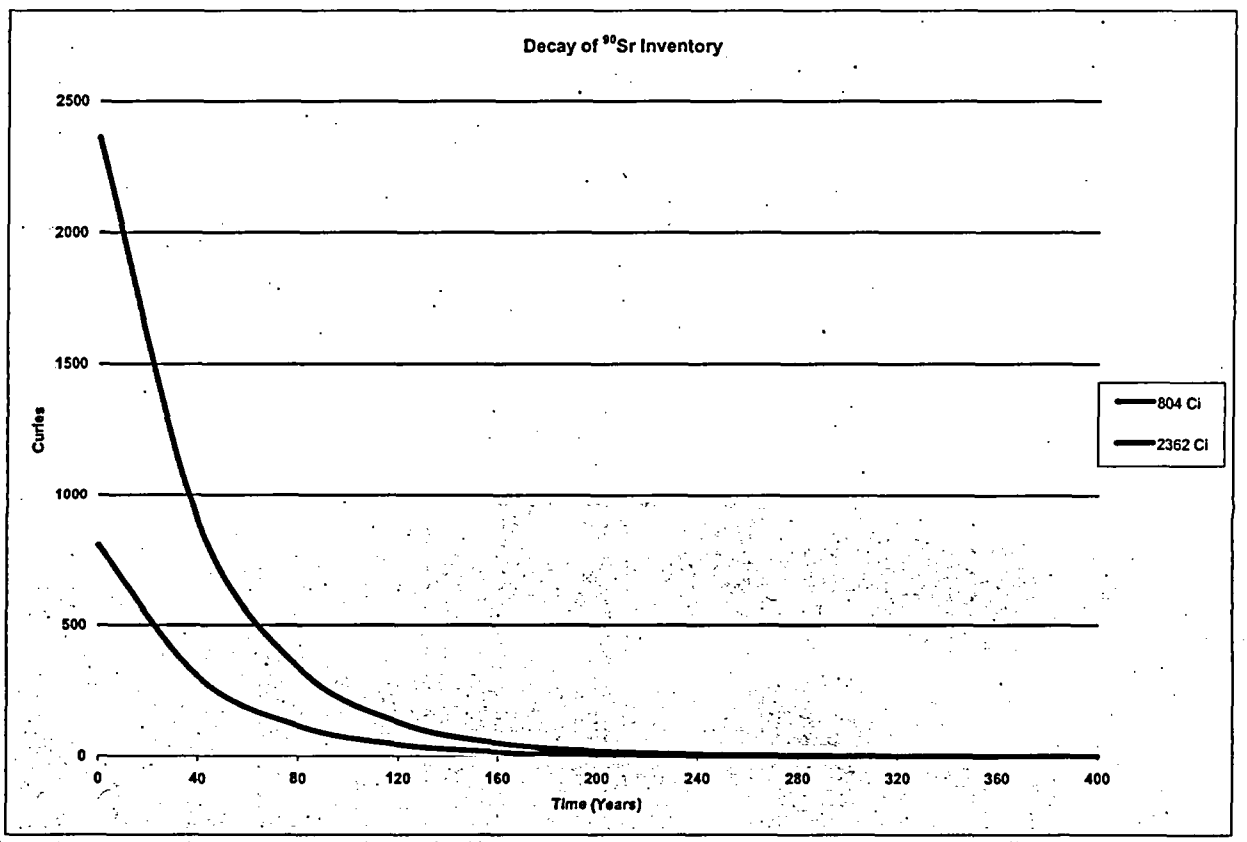

Figure 1. Decay of ^{90}Sr during 250 years.

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^3) are provided based on a unit Ci release from the tanks and sandpads for ^{129}I, ^{99}Tc, and ^{90}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 ^{99}Tc is 31 years as stated on page 2 of the response to NRC Comment 13.

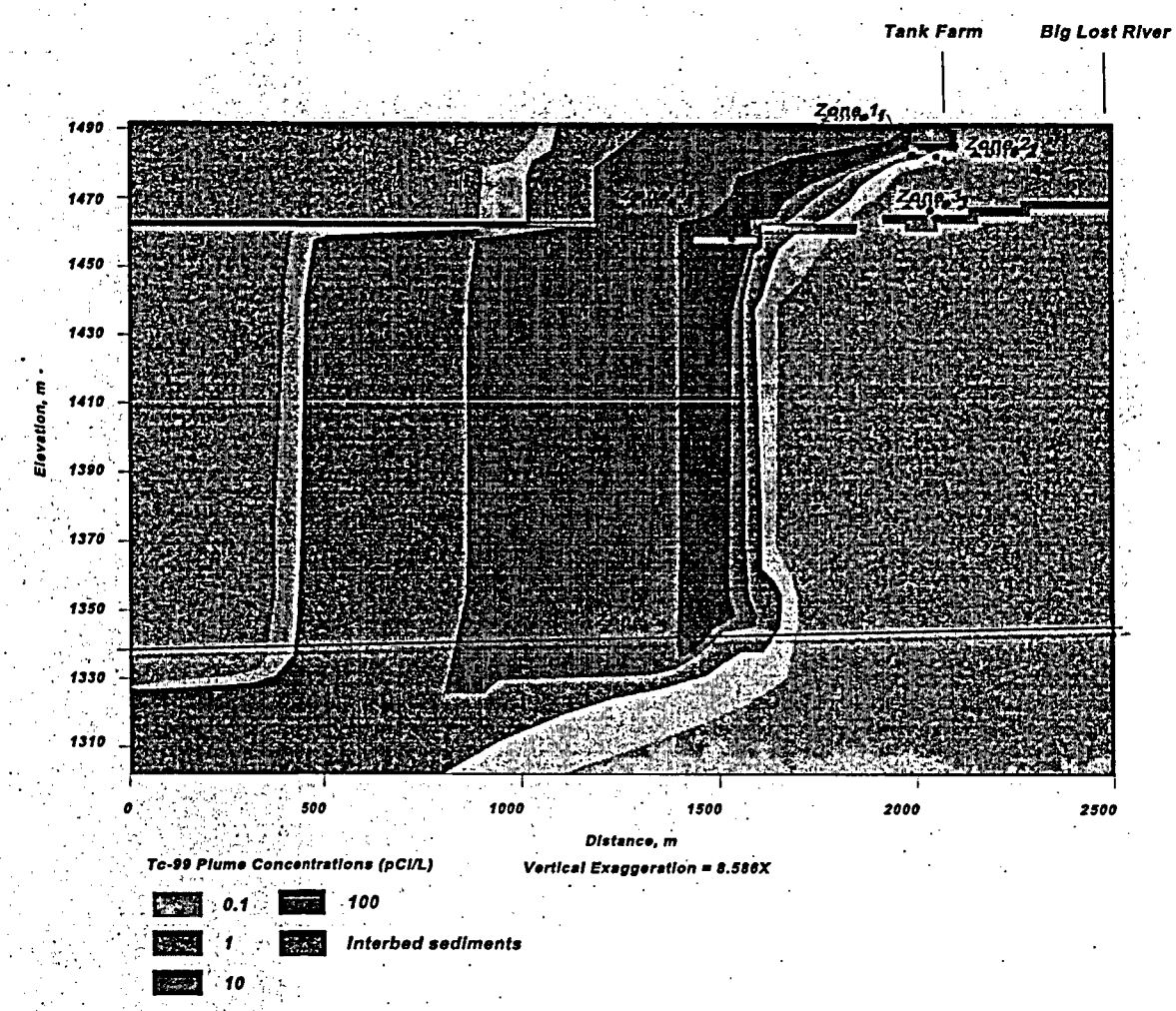

Figure 1. Location of groundwater concentration zone locations.

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

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

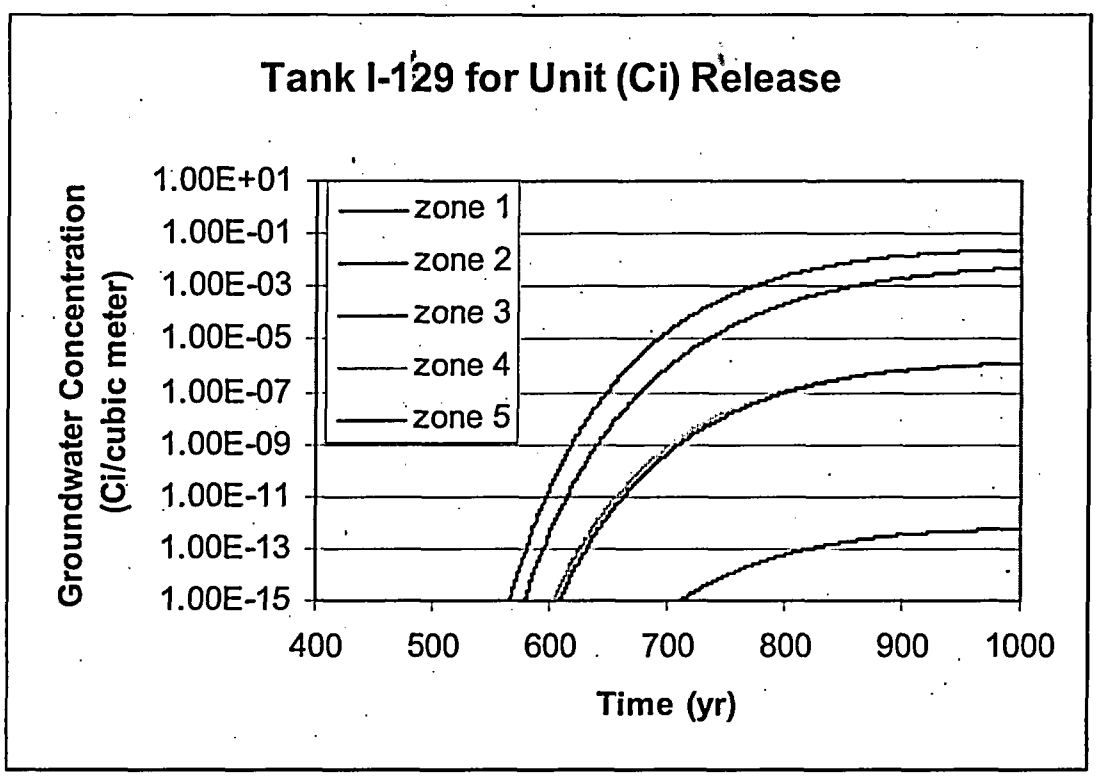

Figure 2. ^{129}I groundwater concentrations at selected locations for a unit Ci release from a tank.

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

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

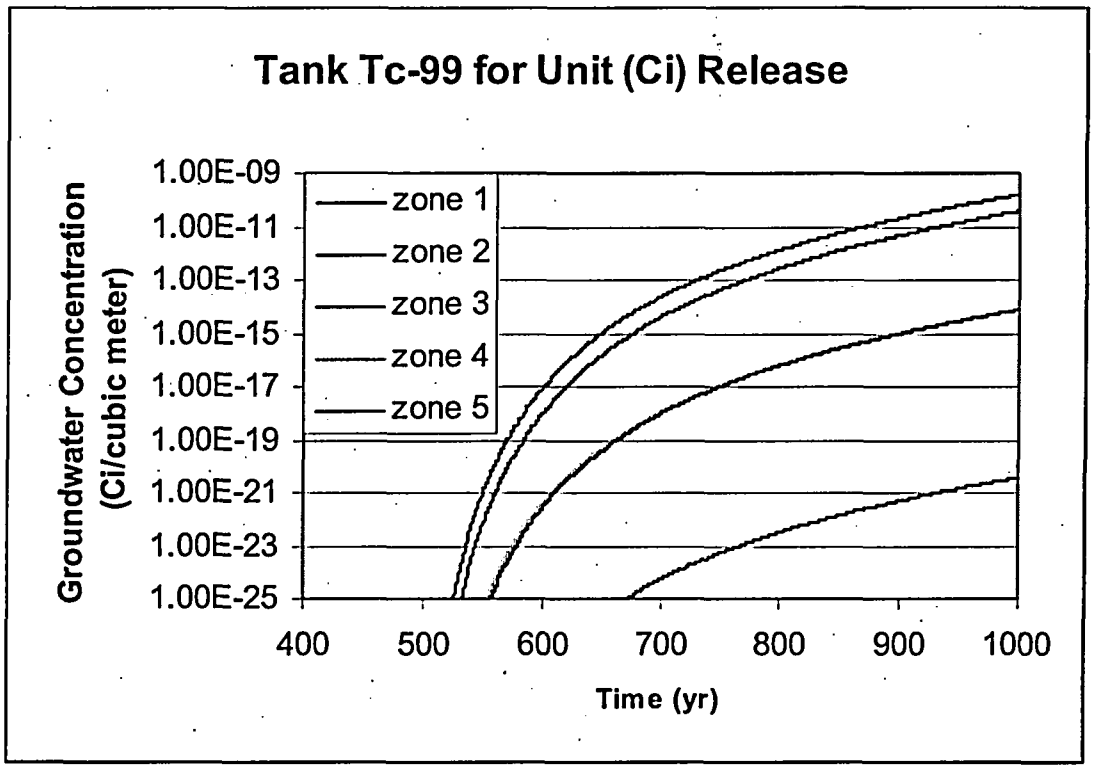

Figure 3. ^{99}Tc groundwater concentrations at selected locations for a unit Ci release from a tank.

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

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

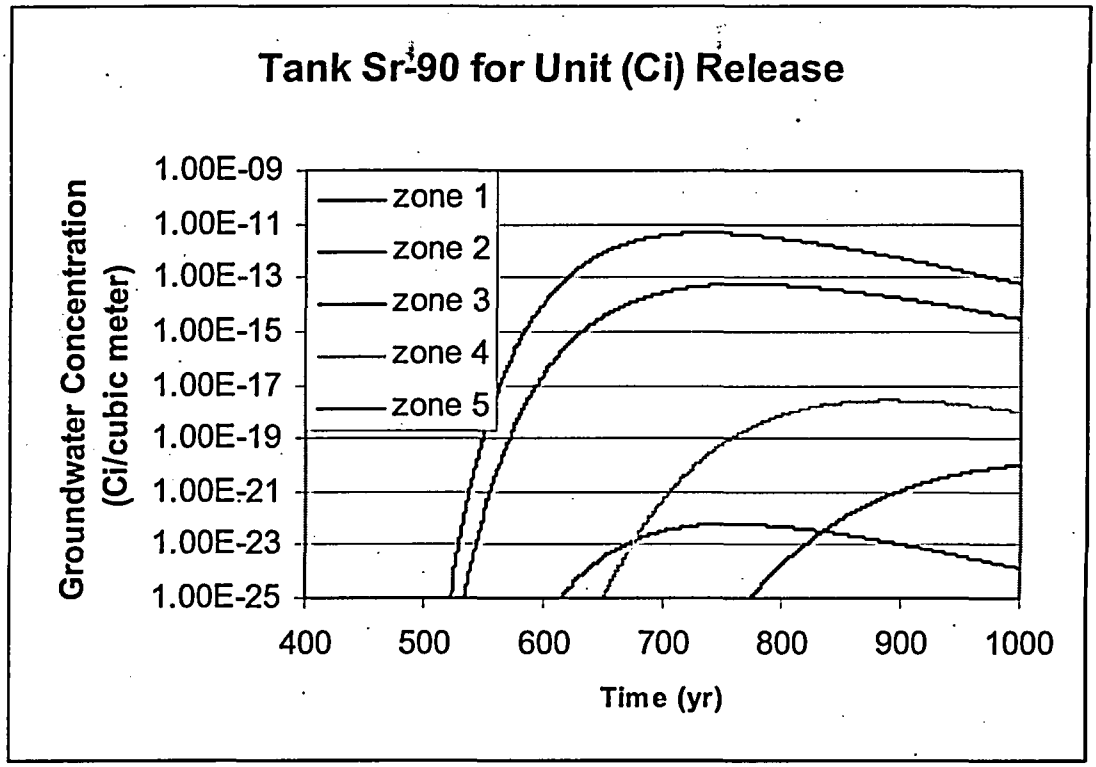

Figure 4. ^{90}Sr groundwater concentrations at selected locations for a unit Ci release from a tank.

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

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

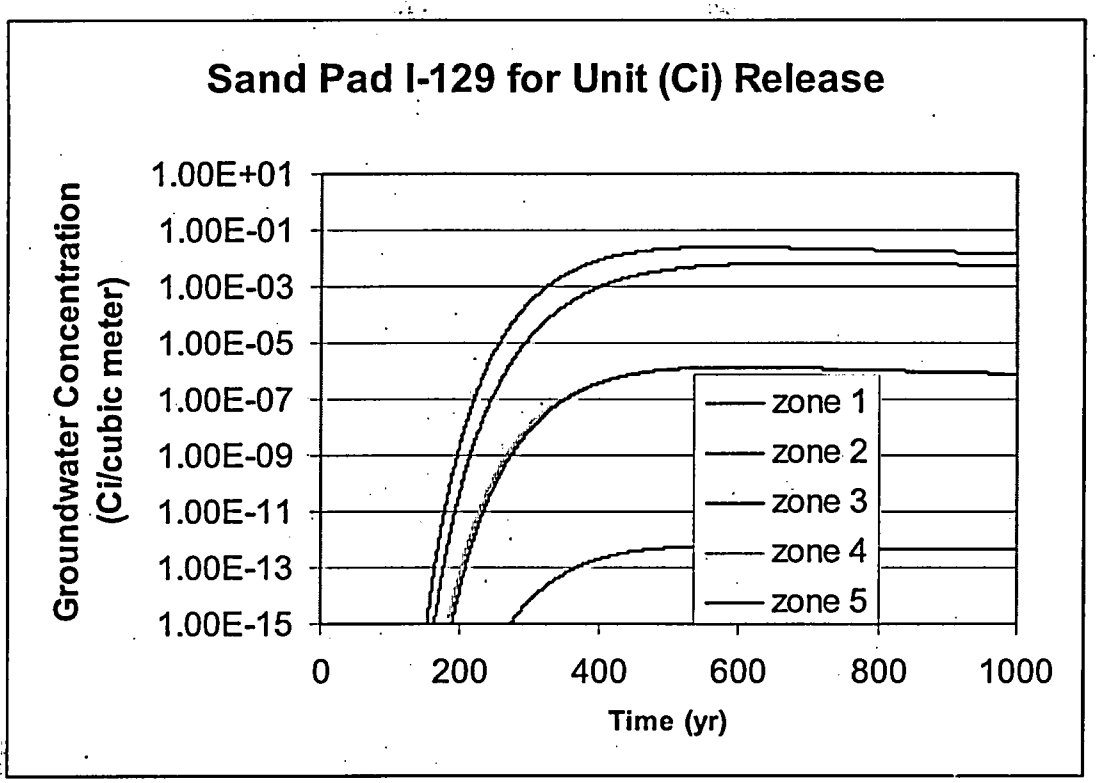

Figure 5. ^{129}I groundwater concentrations at selected locations for a unit Ci release from the sandpad.

Table 5. Groundwater concentrations for ^{99}Tc unit Ci release from the sandpad.

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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/m³) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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/m³) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

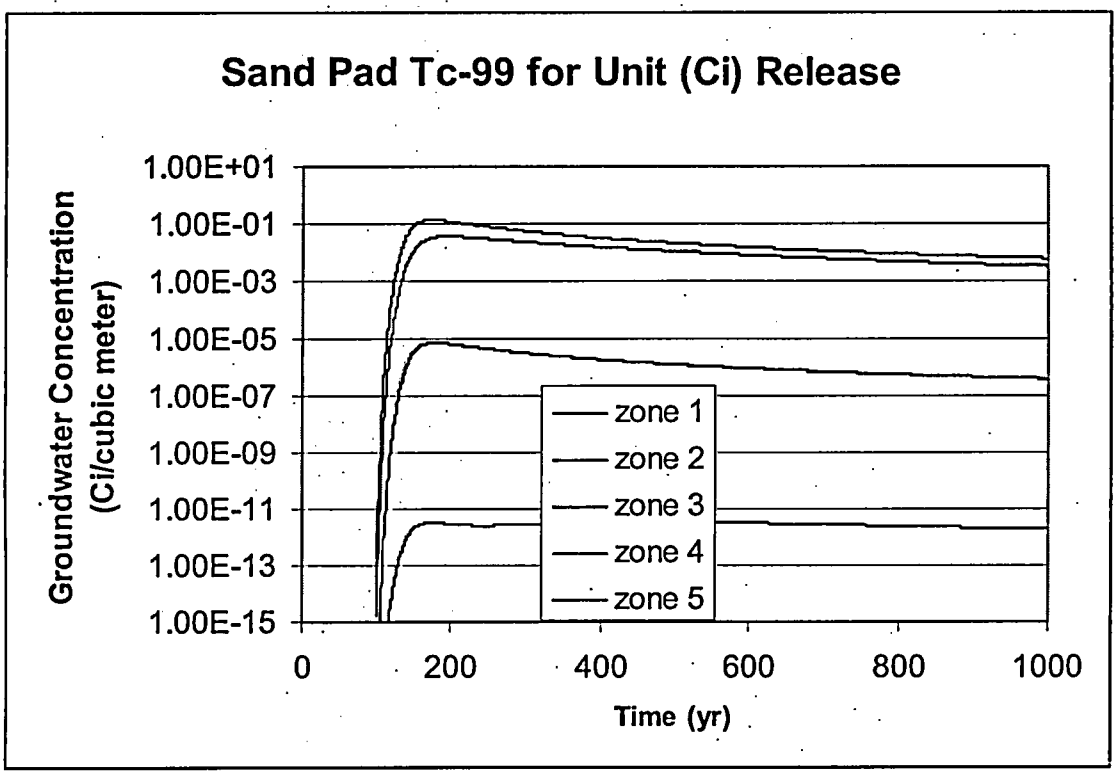

Figure 6. ^{99}Tc groundwater concentrations at selected locations for a unit Ci release from the sandpad.

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

Time (yr)	Groundwater Concentration (Ci/m^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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^3) 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

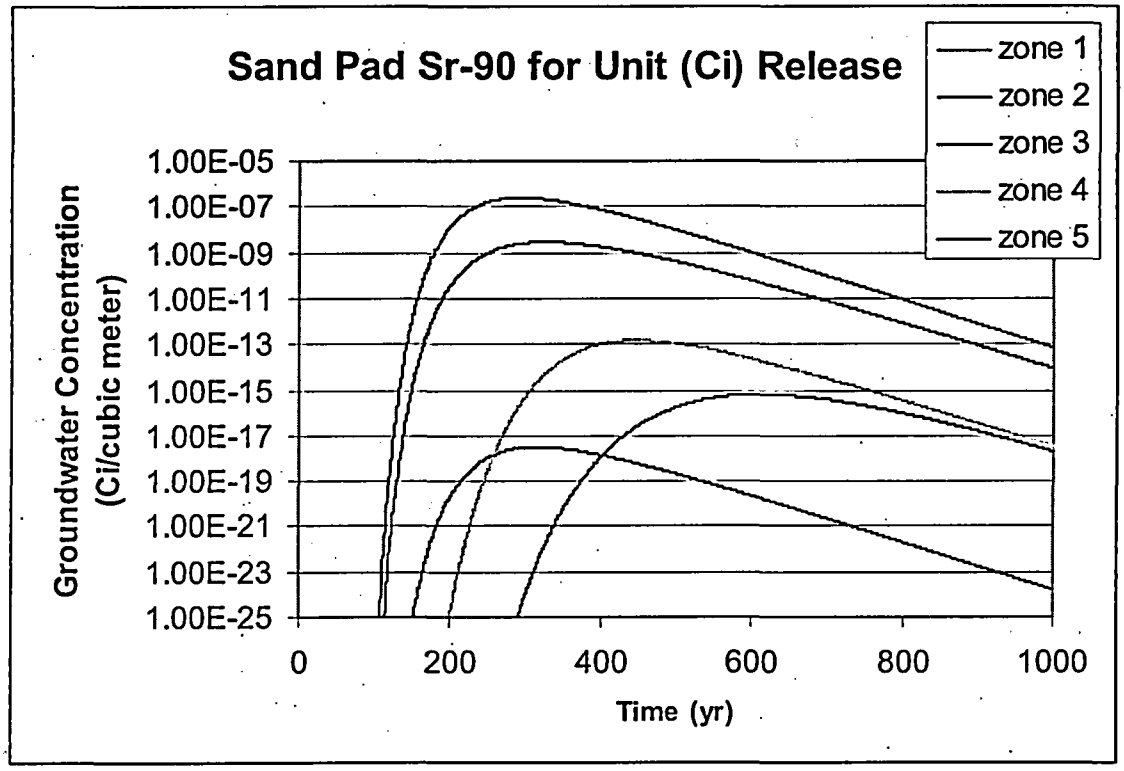

Figure 7. ^{90}Sr groundwater concentrations at selected locations for a unit Ci release from the sandpad.

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^3/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^2/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.

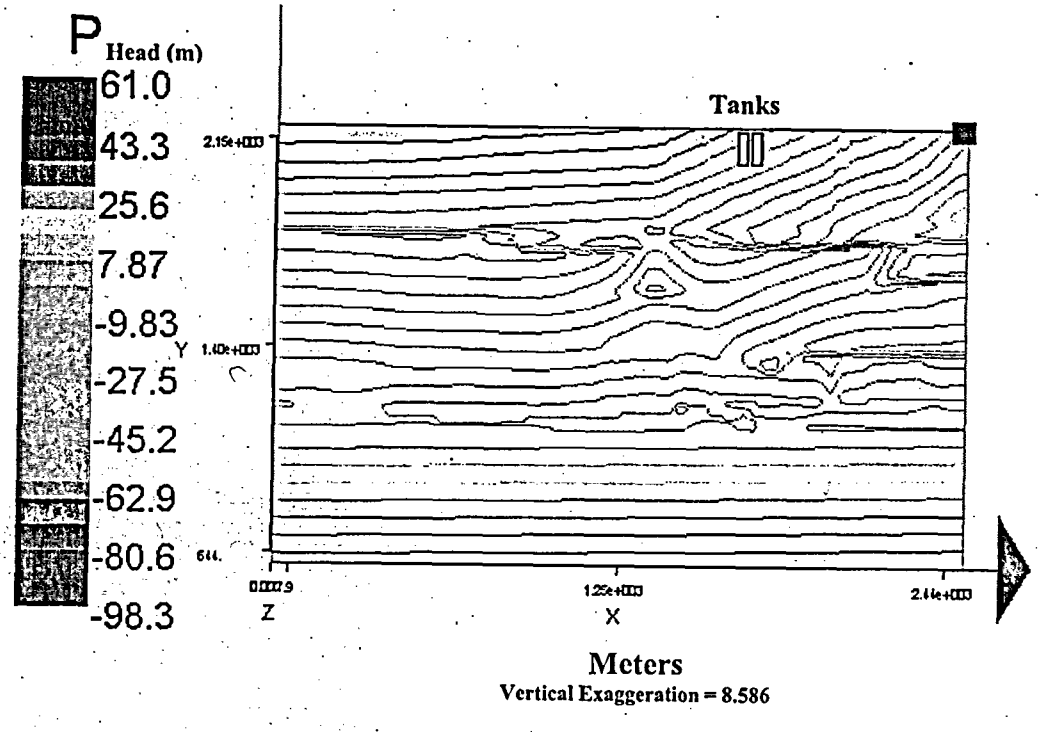

Figure 1. Pressure profile for the TFF PA groundwater domain.

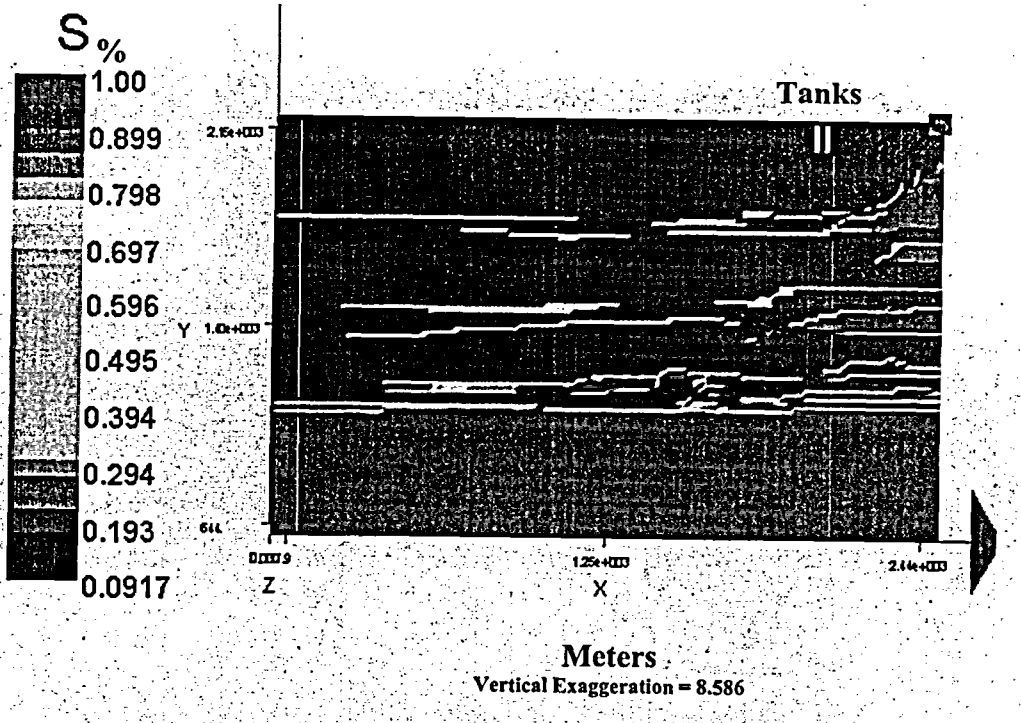

Figure 2. Saturation profile for the TFF PA groundwater domain.

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).

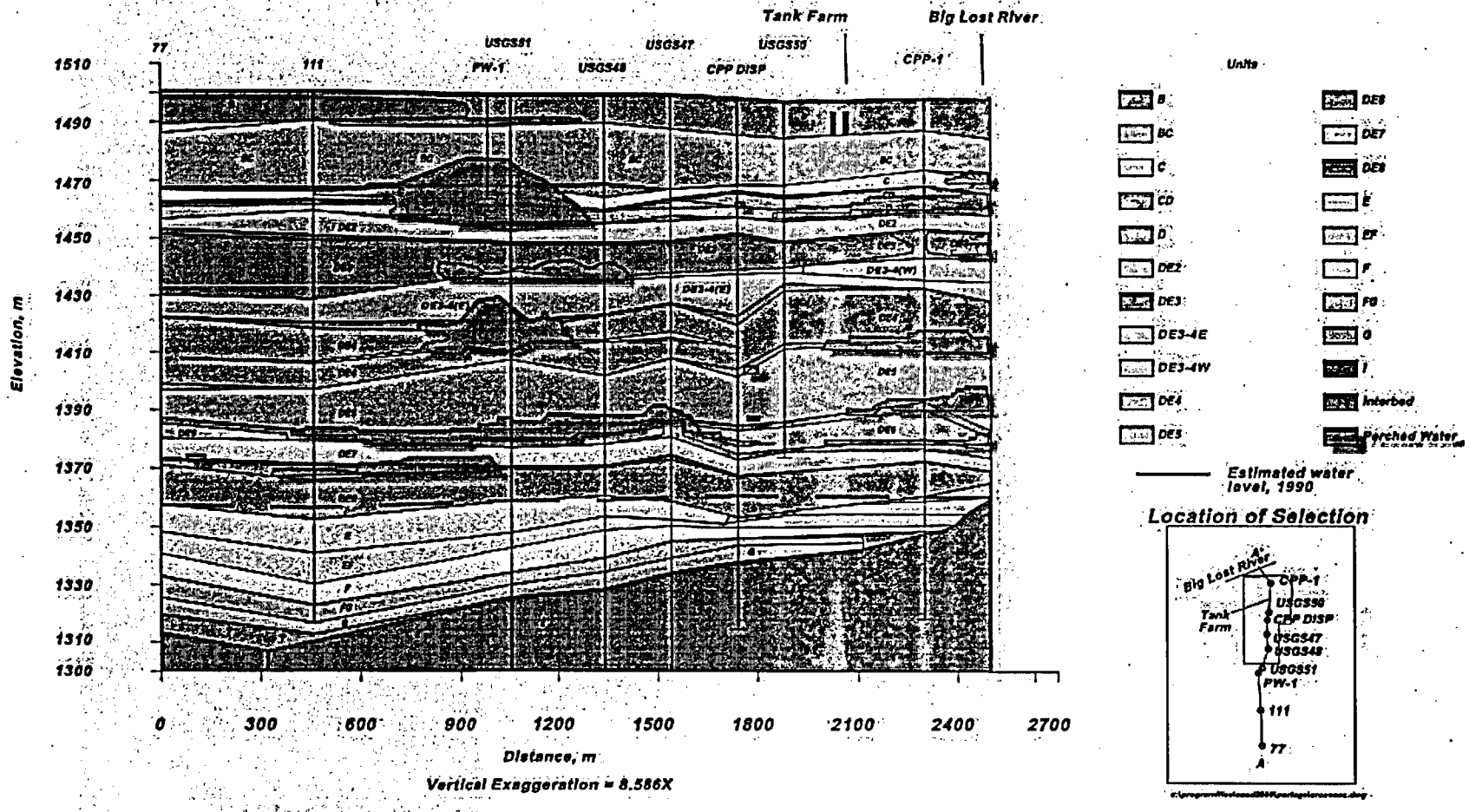

Figure 1. Extent and depth of perched water bodies with percolation ponds in service.

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; Rodriguez et al. 1997; DOE-ID 1994.

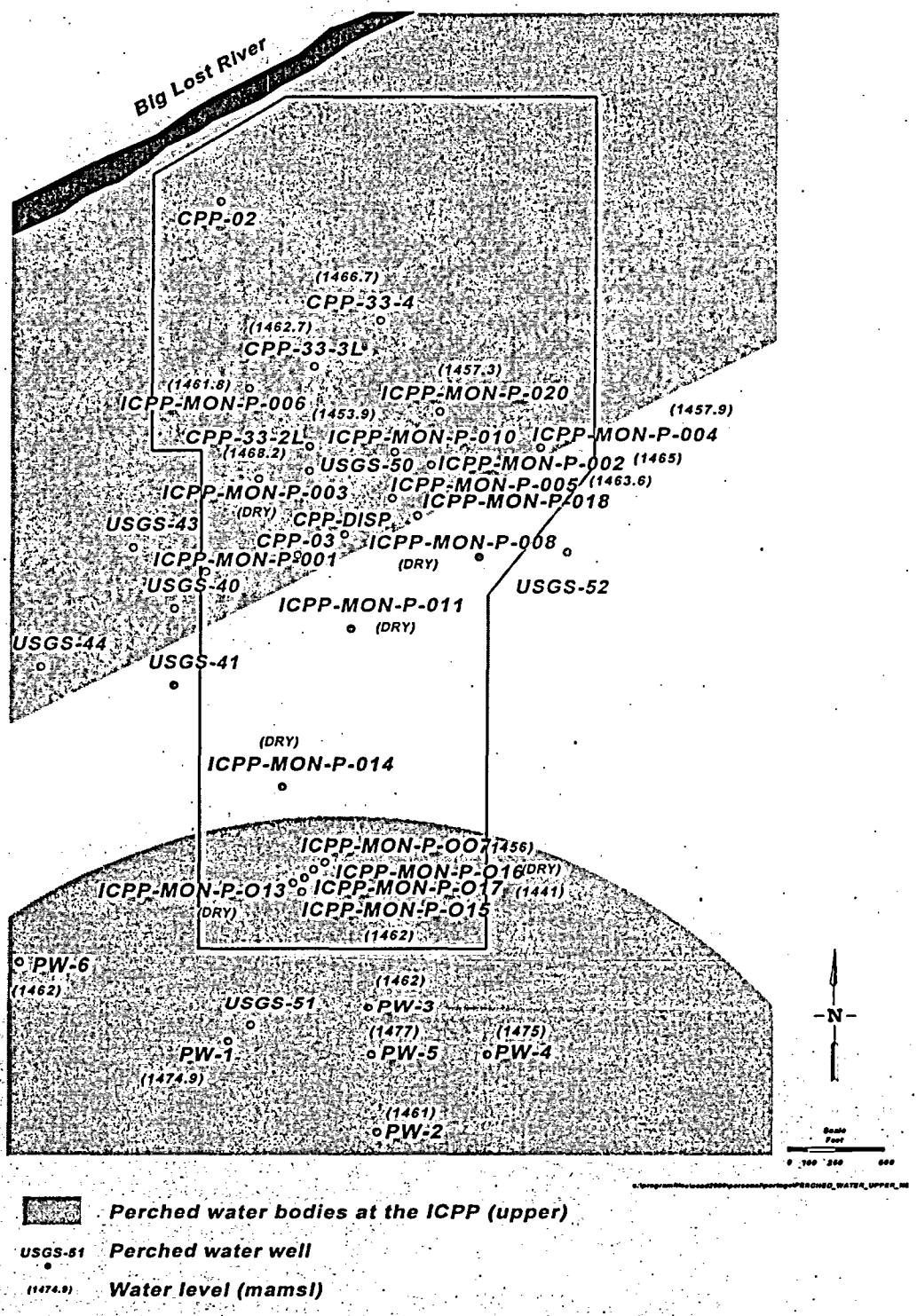

Figure 2. The extent of upper perched water at the INTEC facility based on perched water well data in Table 1.

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.

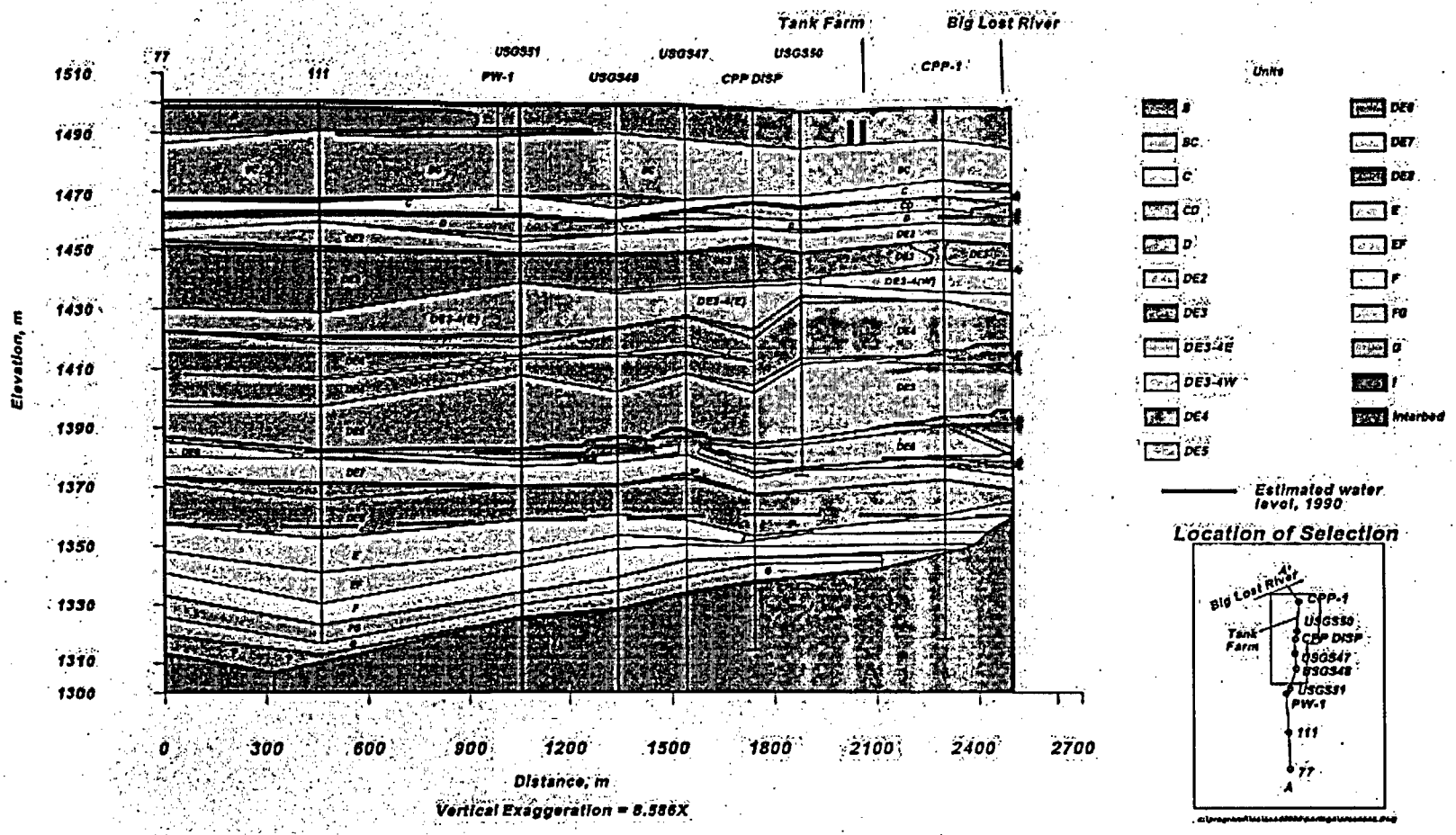

Figure 3. Extent and depth of perched water bodies with percolation ponds out of service.