

Appendix 1A. Tritium concentrations (in tritium units (TU)) calculated with the piston-flow model for recent base years in the Los Alamos region, New Mexico.

Fluid Age (years)	1990	1991	1992	1993	1994
1	11	10	10	9.6	9.1
2	12	11	10	9.5	9.1
3	12	11	10	9.4	9.0
4	13	11	10	9.3	8.9
6	14	13	11	10	8.8
8	16	14	12	11	9.8
10	17	16	14	12	11
15	22	20	18	16	14
20	66	54	17	21	19
24	75	61	50	51	53
26	270	135	67	55	45
28	114	302	242	121	60
30	23	39	102	270	216
32	74	42	20	35	92
34	19	11	66	37	18
36	27	3.2	17	10	59
38	0.72	0.27	24	2.9	15
40	0.64	.64	0.64	0.64	22
45	0.49	0.49	0.49	0.49	0.49
50	0.37	0.37	0.37	0.37	0.37
60	0.21	0.21	0.21	0.21	0.21
70	0.12	0.12	0.12	0.12	0.12
80	0.07	0.07	0.07	0.07	0.07
90	0.04	0.04	0.04	0.04	0.04
100	0.02	0.02	0.02	0.02	0.02

Appendix 1B. Tritium concentrations (in tritium units (TU)) calculated with the well-mixed model for recent base years in the Los Alamos region, New Mexico.

Fluid Age (years)	1990	1991	1992	1993	1994
1	11	10	10	9.6	9.1
2	12	11	10	9.6	9.1
5	15	14	12	11	10
10	24	22	19	18	16
15	29	26	24	22	20
20	30	28	25	23	21
35	27	25	23	22	20
50	23	21	20	19	18
75	18	17	16	15	14
100	14	14	13	12	11
150	10	9.8	9.2	8.7	8.3
200	8.0	7.6	7.2	6.8	6.5
300	5.6	5.3	5.0	4.7	4.5
400	4.3	4.0	3.8	3.6	3.5
500	3.4	3.3	3.1	3.0	2.8
750	2.3	2.2	2.1	2.0	1.9
1000	1.8	1.7	1.8	1.5	1.4
1500	1.2	1.1	1.1	1.0	0.97
2000	0.89	0.85	0.81	0.77	0.73
3000	0.60	0.57	0.54	0.51	0.49
4000	0.45	0.43	0.41	0.39	0.37
5000	0.36	0.34	0.32	0.31	0.29
6000	0.30	0.29	0.27	0.26	0.24
7000	0.26	0.24	0.23	0.22	0.21
8000	0.23	0.21	0.20	0.19	0.18
9000	0.20	0.19	0.18	0.18	0.16
10,000	0.18	0.17	0.16	0.15	0.15