

Exhibit 573

(Corrected)
Appendix 3
Terry F Dyer (Bladder Cancer)

Exposure Dates TT	Total Days TT	Exposure Dates HP	Total Days HP	Residential Location (Barra)	TCE (ug/L-M) TT	PCE (ug/L-M) TT	ATSDR-SEW child ingestion rates RME	ATSDR-SEW child ingestion rates CTE	TCE (ug/L-M) TT	PCE (ug/L-M) TT	VC (ug/L-M) TT	VC (ug/L-M) TT	PCE (ug/L-M) TT	VC (ug/L-M) TT	VC (ug/L-M) TT	VC (ug/L-M) TT
8/5/1958-8/5/1958	27	8/5/1958-8/5/1958	27	2000 Quam Circle	0.48	0.58	14.12	2.44	0.00	2	0.00	2	0.00	2	0.00	2
9/1/1958-9/30/1958	30	9/1/1958-9/30/1958	30	2000 Quam Circle	0.50	10.73	15.25	2.38	0.00	2	0.00	2	0.00	2	0.00	2
10/1/1958-10/31/1958	31	10/1/1958-10/31/1958	31	2000 Quam Circle	0.57	11.58	16.69	2.88	0.00	2	0.00	2	0.00	2	0.00	2
11/1/1958-11/30/1958	30	11/1/1958-11/30/1958	30	2000 Quam Circle	0.61	12.52	18.03	2.81	0.00	2	0.00	2	0.00	2	0.00	2
12/1/1958-12/31/1958	31	12/1/1958-12/31/1958	31	2000 Quam Circle	0.68	13.48	19.48	2.94	0.00	2	0.00	2	0.00	2	0.00	2
1/1/1959-1/31/1959	31	1/1/1959-1/31/1959	31	2000 Quam Circle	0.71	14.48	20.97	3.07	0.00	2	0.00	2	0.00	2	0.00	2
2/1/1959-2/28/1959	28	2/1/1959-2/28/1959	28	2000 Quam Circle	0.76	15.54	22.35	3.21	0.00	2	0.00	2	0.00	2	0.00	2
3/1/1959-3/31/1959	31	3/1/1959-3/31/1959	31	2000 Quam Circle	0.80	16.54	23.82	3.33	0.00	2	0.00	2	0.00	2	0.00	2
4/1/1959-4/30/1959	30	4/1/1959-4/30/1959	30	2000 Quam Circle	0.85	17.70	25.49	3.48	0.00	2	0.00	2	0.00	2	0.00	2
5/1/1959-5/31/1959	31	5/1/1959-5/31/1959	31	2000 Quam Circle	0.91	18.84	27.15	3.61	0.00	2	0.00	2	0.00	2	0.00	2
6/1/1959-6/30/1959	30	6/1/1959-6/30/1959	30	2000 Quam Circle	0.96	20.09	28.81	3.77	0.00	2	0.00	2	0.00	2	0.00	2
7/1/1959-7/31/1959	31	7/1/1959-7/31/1959	31	3500 Cheate Circle	1.00	21.34	30.56	3.91	0.00	3	0.00	3	0.00	3	0.00	3
8/1/1959-8/31/1959	31	8/1/1959-8/31/1959	31	3500 Cheate Circle	1.08	22.66	32.36	4.05	0.00	3	0.00	3	0.00	3	0.00	3
9/1/1959-9/30/1959	30	9/1/1959-9/30/1959	30	3500 Cheate Circle	1.14	24.01	34.14	4.19	0.00	3	0.00	3	0.00	3	0.00	3
10/1/1959-10/31/1959	31	10/1/1959-10/31/1959	31	3500 Cheate Circle	1.20	25.35	36.01	4.32	0.00	3	0.00	3	0.00	3	0.00	3
11/1/1959-11/30/1959	30	11/1/1959-11/30/1959	30	3500 Cheate Circle	1.27	26.77	37.85	4.46	0.00	3	0.00	3	0.00	3	0.00	3
12/1/1959-12/31/1959	31	12/1/1959-12/31/1959	31	3500 Cheate Circle	1.33	28.18	39.78	4.60	0.00	3	0.00	3	0.00	3	0.00	3
1/1/1960-1/31/1960	31	1/1/1960-1/31/1960	31	3500 Cheate Circle	1.40	29.67	41.88	4.74	0.00	3	0.00	3	0.00	3	0.00	3
2/1/1960-2/28/1960	29	2/1/1960-2/28/1960	29	3500 Cheate Circle	1.46	31.17	43.85	4.88	0.00	3	0.00	3	0.00	3	0.00	3
3/1/1960-3/31/1960	31	3/1/1960-3/31/1960	31	3500 Cheate Circle	1.52	32.58	46.03	4.97	0.00	3	0.00	3	0.00	3	0.00	3
04/01/1960-4/30/1960	30	04/01/1960-4/30/1960	30	3500 Cheate Circle	1.59	34.16	48.15	5.10	0.00	3	0.00	3	0.00	3	0.00	3
5/1/1960-5/31/1960	31	5/1/1960-5/31/1960	31	3500 Cheate Circle	1.66	35.67	50.37	5.21	0.00	3	0.00	3	0.00	3	0.00	3
6/1/1960-6/30/1960	30	6/1/1960-6/30/1960	30	3500 Cheate Circle	1.73	37.24	52.51	5.33	0.00	3	0.00	3	0.00	3	0.00	3
7/1/1960-7/31/1960	31	7/1/1960-7/31/1960	31	3500 Cheate Circle	1.80	38.79	54.74	5.45	0.00	4	0.00	4	0.00	4	0.00	4
8/1/1960-8/31/1960	31	8/1/1960-8/31/1960	31	3500 Cheate Circle	1.87	40.45	56.95	5.59	0.00	4	0.00	4	0.00	4	0.00	4
9/1/1960-9/30/1960	30	9/1/1960-9/30/1960	30	3500 Cheate Circle	1.94	42.13	59.09	5.73	0.00	4	0.00	4	0.00	4	0.00	4
10/1/1960-10/31/1960	31	10/1/1960-10/31/1960	31	3500 Cheate Circle	2.02	43.80	61.30	5.86	0.00	4	0.00	4	0.00	4	0.00	4
11/1/1960-11/30/1960	30	11/1/1960-11/30/1960	30	3500 Cheate Circle	2.08	45.57	63.42	6.01	0.00	4	0.00	4	0.00	4	0.00	4
12/1/1960-12/31/1960	31	12/1/1960-12/31/1960	31	3500 Cheate Circle	2.17	47.31	65.61	6.15	0.00	4	0.00	4	0.00	4	0.00	4
1/1/1961-1/31/1961	31	1/1/1961-1/31/1961	31	3500 Cheate Circle	2.25	49.15	67.89	6.30	0.00	4	0.00	4	0.00	4	0.00	4
2/1/1961-2/28/1961	28	2/1/1961-2/28/1961	28	3500 Cheate Circle	2.33	51.03	69.54	6.46	0.00	4	0.00	4	0.00	4	0.00	4
3/1/1961-3/31/1961	31	3/1/1961-3/31/1961	31	3500 Cheate Circle	2.41	52.73	71.56	6.61	0.00	4	0.00	4	0.00	4	0.00	4
4/1/1961-4/30/1961	30	4/1/1961-4/30/1961	30	3500 Cheate Circle	2.49	54.69	73.49	6.77	0.00	4	0.00	4	0.00	4	0.00	4
5/1/1961-5/31/1961	31	5/1/1961-5/31/1961	31	3500 Cheate Circle	2.58	56.57	75.49	6.92	0.00	4	0.00	4	0.00	4	0.00	4
6/1/1961-6/30/1961	30	6/1/1961-6/30/1961	30	3500 Cheate Circle	2.66	58.53	77.39	7.07	0.00	4	0.00	4	0.00	4	0.00	4
7/1/1961-7/31/1961	31	7/1/1961-7/31/1961	31	3500 Cheate Circle	2.75	60.43	79.36	7.22	0.00	5	0.00	5	0.00	5	0.00	5
8/1/1961-8/31/1961	31	8/1/1961-8/31/1961	31	3500 Cheate Circle	2.83	62.42	81.32	7.38	0.00	5	0.00	5	0.00	5	0.00	5
9/1/1961-9/30/1961	30	9/1/1961-9/30/1961	30	3500 Cheate Circle	2.92	64.40	83.19	7.51	0.00	5	0.00	5	0.00	5	0.00	5
10/1/1961-10/31/1961	31	10/1/1961-10/31/1961	31	3500 Cheate Circle	3.00	66.32	85.11	7.64	0.00	5	0.00	5	0.00	5	0.00	5
11/1/1961-11/30/1961	30	11/1/1961-11/30/1961	30	3500 Cheate Circle	3.09	68.33	86.95	7.79	0.00	5	0.00	5	0.00	5	0.00	5
12/1/1961-12/31/1961	31	12/1/1961-12/31/1961	31	3500 Cheate Circle	3.17	70.28	88.84	7.92	0.00	5	0.00	5	0.00	5	0.00	5
1/1/1962-1/31/1962	31	1/1/1962-1/31/1962	31	3500 Cheate Circle	3.16	47.74	68.88	6.32	0.00	5	0.00	5	0.00	5	0.00	5
2/1/1962-2/28/1962	28	2/1/1962-2/28/1962	28	3500 Cheate Circle	2.25	49.86	62.10	5.56	0.00	5	0.00	5	0.00	5	0.00	5
3/1/1962-3/31/1962	31	3/1/1962-3/31/1962	31	3500 Cheate Circle	2.31	51.28	62.94	5.64	0.00	5	0.00	5	0.00	5	0.00	5
4/1/1962-4/30/1962	30	4/1/1962-4/30/1962	30	3500 Cheate Circle	2.36	52.37	63.59	5.67	0.00	5	0.00	5	0.00	5	0.00	5
5/1/1962-5/31/1962	31	5/1/1962-5/31/1962	31	3500 Cheate Circle	2.39	53.18	64.17	5.66	0.00	5	0.00	5	0.00	5	0.00	5
6/1/1962-6/30/1962	30	6/1/1962-6/30/1962	30	3500 Cheate Circle	2.41	53.88	64.70	5.63	0.00	5	0.00	5	0.00	5	0.00	5
7/1/1962-7/31/1962	31	7/1/1962-7/31/1962	31	3500 Cheate Circle	2.43	54.48	65.23	5.60	0.00	6	0.00	6	0.00	6	0.00	6

Notes: on base residential child exposure - see 1958

Drank tons of tea at least 2x per day and water; refilled, took a lot of tea (3 glasses per day)

Drank at least 10 glasses of water per day (water as thirsty and tea with lunch and dinner); summer and winter

time	product	number	volume (sources eq)	total volume	convert to tea L
lunch	tea	1	12	0.354882	0.029574
dinner	tea	1	12	0.354882	
daily	water	10	12	3.54882	

4.25884 as an older child (6-18)upper limit

Table 1: Exposure History for Exposure Assessment, Ingestion and Action Pathways

Age	Sex	Location	Exposure Dates			Exposure Type	Exposure Level	Exposure Pathway	Exposure Duration	Exposure Frequency	Exposure Intensity	Exposure Dose	Exposure Risk
			Start Date	End Date	Duration (Days)								
8/5/1958	F	2000 Quam Circle	8/5/1958	8/5/1958	1	0.48	0.58	14.12	2.44	0.00	2	0.00	2
9/1/1958	F	2000 Quam Circle	9/1/1958	9/30/1958	30	0.50	10.73	15.25	2.38	0.00	2	0.00	2
10/1/1958	F	2000 Quam Circle	10/1/1958	10/31/1958	31	0.57	11.58	16.69	2.88	0.00	2	0.00	2
11/1/1958	F	2000 Quam Circle	11/1/1958	11/30/1958	30	0.61	12.52	18.03	2.81	0.00	2	0.00	2
12/1/1958	F	2000 Quam Circle	12/1/1958	12/31/1958	31	0.68	13.48	19.48	2.94	0.00	2	0.00	2
1/1/1959	F	2000 Quam Circle	1/1/1959	1/31/1959	31	0.71	14.48	20.97	3.07	0.00	2	0.00	2
2/1/1959	F	2000 Quam Circle	2/1/1959	2/28/1959	28	0.76	15.54	22.35	3.21	0.00	2	0.00	2
3/1/1959	F	2000 Quam Circle	3/1/1959	3/31/1959	31	0.80	16.54	23.82	3.33	0.00	2	0.00	2
4/1/1959	F	2000 Quam Circle	4/1/1959	4/30/1959	30	0.85	17.70	25.49	3.48	0.00	2	0.00	2
5/1/1959	F	2000 Quam Circle	5/1/1959	5/31/1959	31	0.91	18.84	27.15	3.61	0.00	2	0.00	2
6/1/1959	F	2000 Quam Circle	6/1/1959	6/30/1959	30	0.96	20.09	28.81	3.77	0.00	2	0.00	2
7/1/1959	F	3500 Cheate Circle	7/1/1959	7/31/1959	31	1.00	21.34	30.56	3.91	0.00	3	0.00	3
8/1/1959	F	3500 Cheate Circle	8/1/1959	8/31/1959	31	1.08	22.66	32.36	4.05	0.00	3	0.00	3
9/1/1959	F	3500 Cheate Circle	9/1/1959	9/30/1959	30	1.14	24.01	34.14	4.19	0.00	3	0.00	3
10/1/1959	F	3500 Cheate Circle	10/1/1959	10/31/1959	31	1.20	25.35	36.01	4.32	0.00	3	0.00	3
11/1/1959	F	3500 Cheate Circle	11/1/1959	11/30/1959	30	1.27	26.77	37.85	4.46	0.00	3	0.00	3
12/1/1959	F	3500 Cheate Circle	12/1/1959	12/31/1959	31	1.33	28.18	39.78	4.60	0.00	3	0.00	3
1/1/1960	F	3500 Cheate Circle	1/1/1960	1/31/1960	31	1.40	29.67	41.88	4.74	0.00	3	0.00	3
2/1/1960	F	3500 Cheate Circle	2/1/1960	2/28/1960	28	1.46	31.17	43.85	4.88	0.00	3	0.00	3
3/1/1960	F	3500 Cheate Circle	3/1/1960	3/31/1960	31	1.52	32.58	46.03	4.97	0.00	3	0.00	3
04/01/1960	F	3500 Cheate Circle	04/01/1960	4/30/1960	30	1.59	34.16	48.15	5.10	0.00	3	0.00	3
5/1/1960	F	3500 Cheate Circle	5/1/1960	5/31/1960	31	1.66	35.67	50.37	5.21	0.00	3	0.00	3
6/1/1960	F	3500 Cheate Circle	6/1/1960	6/30/1960	30	1.73	37.24	52.51	5.33	0.00	3	0.00	3
7/1/1960	F	3500 Cheate Circle	7/1/1960	7/31/1960	31	1.80	38.75	54.73	5.46	0.00	3	0.00	3
8/1/1960	F	3500 Cheate Circle	8/1/1960	8/31/1960	31	1.87	40.26	56.95	5.59	0.00	3	0.00	3
9/1/1960	F	3500 Cheate Circle	9/1/1960	9/30/1960	30	1.94	41.77	59.17	5.72	0.00	3	0.00	3
10/1/1960	F	3500 Cheate Circle	10/1/1960	10/31/1960	31	2.01	43.28	61.39	5.85	0.00	3	0.00	3
11/1/1960	F	3500 Cheate Circle	11/1/1960	11/30/1960	30	2.08	44.79	63.61	5.98	0.00	3	0.00	3
12/1/1960	F	3500 Cheate Circle	12/1/1960	12/31/1960	31	2.15	46.30	65.83	6.11	0.00	3	0.00	3
1/1/1961	F	3500 Cheate Circle	1/1/1961	1/31/1961	31	2.22	47.81	68.05	6.24	0.00	3	0.00	3
2/1/1961	F	3500 Cheate Circle	2/1/1961	2/28/1961	28	2.29	49.32	70.27	6.37	0.00	3	0.00	3
3/1/1961	F	3500 Cheate Circle	3/1/1961	3/31/1961	31	2.36	50.83	72.49	6.50	0.00	3	0.00	3
4/1/1961	F	3500 Cheate Circle	4/1/1961	4/30/1961	30	2.43	52.34	74.71	6.63	0.00	3	0.00	3
5/1/1961	F	3500 Cheate Circle	5/1/1961	5/31/1961	31	2.50	53.85	76.93	6.76	0.00	3	0.00	3
6/1/1961	F	3500 Cheate Circle	6/1/1961	6/30/1961	30	2.57	55.36	79.15	6.89	0.00	3	0.00	3
7/1/1961	F	3500 Cheate Circle	7/1/1961	7/31/1961	31	2.64	56.87	81.37	7.02	0.00	3	0.00	3
8/1/1961	F	3500 Cheate Circle	8/1/1961	8/31/1961	31	2.71	58.38	83.59	7.15	0.00	3	0.00	3
9/1/1961	F	3500 Cheate Circle	9/1/1961	9/30/1961	30	2.78	59.89	85.81	7.28	0.00	3	0.00	3
10/1/1961	F	3500 Cheate Circle	10/1/1961	10/31/1961	31	2.85	61.40	88.03	7.41	0.00	3	0.00	3
11/1/1961	F	3500 Cheate Circle	11/1/1961	11/30/1961	30	2.92	62.91	90.25	7.54	0.00	3	0.00	3
12/1/1961	F	3500 Cheate Circle	12/1/1961	12/31/1961	31	2.99	64.42	92.47	7.67	0.00	3	0.00	3
1/1/1962	F	3500 Cheate Circle	1/1/1962	1/31/1962	31	3.06	65.93	94.69	7.80	0.00	3	0.00	3
2/1/1962	F	3500 Cheate Circle	2/1/1962	2/28/1962	28	3.13	67.44	96.91	7.93	0.00	3	0.00	3
3/1/1962	F	3500 Cheate Circle	3/1/1962	3/31/1962	31	3.20	68.95	99.13	8.06	0.00	3	0.00	3
4/1/1962	F	3500 Cheate Circle	4/1/1962	4/30/1962	30	3.27	70.46	101.35	8.19	0.00	3	0.00	3
5/1/1962	F	3500 Cheate Circle	5/1/1962	5/31/1962	31	3.34	71.97	103.57	8.32	0.00	3	0.00	3
6/1/1962	F	3500 Cheate Circle	6/1/1962	6/30/1962	30	3.41	73.48	105.79	8.45	0.00	3	0.00	3
7/1/1962	F	3500 Cheate Circle	7/1/1962	7/31/1962	31	3.48	74.99	108.01	8.58	0.00	3	0.00	3
8/1/1962	F	3500 Cheate Circle	8/1/1962	8/31/1962	31	3.55	76.50	110.23	8.71	0.00	3	0.00	3
9/1/1962	F	3500 Cheate Circle	9/1/1962	9/30/1962	30	3.62	78.01	112.45	8.84	0.00	3	0.00	3
10/1/1962	F	3500 Cheate Circle	10/1/1962	10/31/1962	31	3.69	79.52	114.67	8.97	0.00	3	0.00	3
11/1/1962	F	3500 Cheate Circle	11/1/1962	11/30/1962	30	3.76	81.03	116.89	9.10	0.00	3	0.00	3
12/1/1962	F	3500 Cheate Circle	12/1/1962	12/31/1962	31	3.83	82.54	119.11	9.23	0.00	3	0.00	3
1/1/1963	F	3500 Cheate Circle	1/1/1963	1/31/1963	31	3.90	84.05	121.33	9.36	0.00	3	0.00	3
2/1/1963	F	3500 Cheate Circle	2/1/1963	2/28/1963	28	3.97	85.56	123.55	9.49	0.00	3	0.00	3
3/1/1963	F	3500 Cheate Circle	3/1/1963	3/31/1963	31	4.04	87.07	125.77	9.62	0.00	3	0.00	3
4/1/1963	F	3500 Cheate Circle	4/1/1963	4/30/1963	30	4.11	88.58	127.99	9.75	0.00	3	0.00	3
5/1/1963	F	3500 Cheate Circle	5/1/1963	5/31/1963	31	4.18	90.09	130.21	9.88	0.00	3	0.00	3
6/1/1963	F	3500 Cheate Circle	6/1/1963	6/30/1963	30	4.25	91.60	132.43	10.01	0.00	3	0.00	3
7/1/1963	F	3500 Cheate Circle	7/1/1963	7/31/1963	31	4.32	93.11	134.65	10.14	0.00	3	0.00	3
8/1/1963	F	3500 Cheate Circle	8/1/1963	8/31/1963	31	4.39	94.62	136.87	10.27	0.00	3	0.00	3
9/1/1963	F	3500 Cheate Circle	9/1/1963	9/30/1963	30	4.46	96.13	139.09	10.40	0.00	3	0.00	3
10/1/1963	F	3500 Cheate Circle	10/1/1963	10/31/1963	31	4.53	97.64	141.31	10.53	0.00	3	0.00	3
11/1/1963	F	3500 Cheate Circle	11/1/1963	11/30/1963	30	4.60	99.15	143.53	10.66	0.00	3	0.00	3
12/1/1963	F	3500 Cheate Circle	12/1/1963	12/31/1963	31	4.67	100.66	145.75	10.79	0.00	3	0.00	3
1/1/1964	F	3500 Cheate Circle	1/1/1964	1/31/1964	31	4.74	102.17	147.97	10.92	0.00	3	0.00	3
2/1/1964	F	3500 Cheate Circle	2/1/1964	2/28/1964	28	4.81	103.68	150.19	11.05	0.00	3	0.00	3
3/1/1964	F	3500 Cheate Circle	3/1/1964	3/31/1964	31	4.88	105.19	152.41	11.18	0.00	3	0.00	3
4/1/1964	F	3500 Cheate Circle	4/1/1964	4/30/1964	30	4.95	106.70	154.63	11.31	0.00	3	0.00	3
5/1/1964	F	3500 Cheate Circle	5/1/1964	5/31/1964	31	5.02	108.21	156.85	11.44	0.00	3	0.00	3
6/1/1964	F	3500 Cheate Circle	6/1/1964	6/30/1964	30	5.09	109.72	159.07	11.57	0.00	3	0.00	3
7/1/1964	F	3500 Cheate Circle	7/1/1964	7/31/1964	31	5.16	111.23	161.29	11.70	0.00	3	0.00	3
8/1/1964	F	3500 Cheate Circle	8/1/1964	8/31/1964	31	5.23	112.74	163.51	11.83	0.00	3	0.00	3
9/1/1964	F	3500 Cheate Circle	9/1/1964	9/30/1964	30	5.30	114.25	165.73	11.96	0.00	3	0.00	3
10/1/1964	F	3500 Cheate Circle	10/1/1964	10/31/1964	31	5.37	115.76	167.95	12.09	0.00	3	0.00	3
11/1/1964	F	3500 Cheate Circle	11/1/1964	11/30/1964	30	5.44	117.27	170.17	12.22	0.00	3	0.00	3
12/1/1964	F	3500 Cheate Circle	12/1/1964	12/31/1964	31	5.51	118.78	172.39	12.35	0.00	3	0.00	3
1/1/1965	F	3500 Cheate Circle	1/1/1965	1/31/1965	31	5.58	120.29	174.61	12.48	0.00	3	0.00	3
2/1/1965	F	3500 Cheate Circle	2/1/1965	2/28/1965	28	5.65	121.80	176.83	12.6				

8/1/1962-8/1/1962	31	8/1/1962-8/1/1962	31	3600 Chocin Circle	2.45	55.06			65.74	5.56				0.00	6			1.69	0.574				21	0			0	0
9/1/1962-9/1/1962	30	9/1/1962-9/1/1962	30	3600 Chocin Circle	2.46	55.59			66.22	5.52				0.00	6			1.69	0.574				18	0			0	0
10/1/1962-10/1/1962	31	10/1/1962-10/1/1962	31	3600 Chocin Circle	2.48	56.07			66.71	5.47				0.00	6			1.69	0.574				19	0			0	0
11/1/1962-11/1/1962	30	11/1/1962-11/1/1962	30	3600 Chocin Circle	2.49	56.54			67.18	5.42				0.00	6			1.69	0.574				22	0			0	1
12/1/1962-12/1/1962	31	12/1/1962-12/1/1962	31	3600 Chocin Circle	2.50	56.97			67.65	5.38				0.00	6			1.69	0.574				20	0			0	0
1/1/1963-1/1/1963	31	1/1/1963-1/1/1963	31	3600 Chocin Circle	2.51	57.40			68.06	5.33				0.00	6			1.69	0.574				20	0			0	0
2/1/1963-2/1/1963	28	2/1/1963-2/28/1963	28	3600 Chocin Circle	2.52	57.78			68.38	5.28				0.00	6			1.69	0.574				20	0			0	0
3/1/1963-3/1/1963	31	3/1/1963-3/1/1963	31	3600 Chocin Circle	2.53	58.11			68.71	5.24				0.00	6			1.69	0.574				17	0			0	0
4/1/1963-4/1/1963	30	4/1/1963-4/30/1963	30	3600 Chocin Circle	2.54	58.49			69.03	5.20				0.00	6			1.69	0.574				24	0			0	1
5/1/1963-5/1/1963	31	5/1/1963-5/1/1963	31	3600 Chocin Circle	2.55	58.81			69.33	5.15				0.00	6			1.69	0.574				19	0			0	0
6/1/1963-6/1/1963	30	6/1/1963-6/30/1963	30	3600 Chocin Circle	2.56	59.14			69.62	5.11				0.00	6			1.69	0.574				19	0			0	0
7/1/1963-7/1/1963	31	7/1/1963-7/1/1963	31	3600 Chocin Circle	2.57	59.42			69.90	5.06				0.00	7			1.69	0.574				19	0			0	0
8/1/1963-8/1/1963	31	8/1/1963-8/1/1963	31	3600 Chocin Circle	2.57	59.70			70.17	5.02				0.00	7			1.69	0.574				24	0			0	1
9/1/1963-9/1/1963	30	9/1/1963-9/30/1963	30	3600 Chocin Circle	2.57	59.97			70.43	4.98				0.00	7			1.69	0.574				21	0			0	0
10/1/1963-10/1/1963	31	10/1/1963-10/31/1963	31	3600 Chocin Circle	2.58	60.21			70.69	4.94				0.00	7			1.69	0.574				22	0			0	0
11/1/1963-11/1/1963	30	11/1/1963-11/30/1963	30	3600 Chocin Circle	2.58	60.45			70.93	4.90				0.00	7			1.69	0.574				24	0			0	1
12/1/1963-12/1/1963	31	12/1/1963-12/31/1963	31	3600 Chocin Circle	2.58	60.67			71.17	4.86				0.00	7			1.69	0.574				21	0			0	1
1/1/1964-1/1/1964	31	1/1/1964-1/31/1964	31	3600 Chocin Circle	2.59	60.89			71.40	4.83				0.00	7			1.69	0.574				22	0			0	1
2/1/1964-2/1/1964	29	2/1/1964-2/29/1964	29	3600 Chocin Circle	2.51	64.39			63.77	4.27				0.00	7			1.69	0.574				21	0			0	0
3/1/1964-3/1/1964	31	3/1/1964-3/31/1964	31	3600 Chocin Circle	2.58	64.42			63.96	4.17				0.00	7			1.69	0.574				18	0			0	0
4/1/1964-4/1/1964	30	4/1/1964-4/30/1964	30	3600 Chocin Circle	2.59	64.43			64.08	4.10				0.00	7			1.69	0.574				25	0			0	1
5/1/1964-5/1/1964	31	5/1/1964-5/31/1964	31	3600 Chocin Circle	2.59	64.36			64.19	4.04				0.00	7			1.69	0.574				21	0			0	1
6/1/1964	30	6/1/1964-6/30/1964	30	3600 Chocin Circle	2.59	64.28			64.27	3.98				0.00	7			1.69	0.574				20	0			0	0
7/1/1964	31	7/1/1964-7/31/1964	31	3600 Chocin Circle	2.59	64.21			64.35	3.92				0.00	7			1.69	0.574				25	0			0	0
8/1/1964	31	8/1/1964-8/31/1964	31	3600 Chocin Circle	2.59	64.14			64.43	3.86				0.00	7			1.69	0.574				25	0			0	0
9/1/1964	31	9/1/1964-9/30/1964	31	3600 Chocin Circle	2.59	64.07			64.51	3.80				0.00	7			1.69	0.574				25	0			0	0
10/1/1964	31	10/1/1964-10/31/1964	31	3600 Chocin Circle	2.59	64.00			64.59	3.74				0.00	7			1.69	0.574				25	0			0	0
11/1/1964	31	11/1/1964-11/30/1964	31	3600 Chocin Circle	2.59	63.93			64.67	3.68				0.00	7			1.69	0.574				25	0			0	0
12/1/1964	31	12/1/1964-12/31/1964	31	3600 Chocin Circle	2.59	63.86			64.75	3.62				0.00	7			1.69	0.574				25	0			0	0
1/1/1965	31	1/1/1965-1/31/1965	31	3600 Chocin Circle	2.59	63.79			64.83	3.56				0.00	7			1.69	0.574				25	0			0	0
2/1/1965	31	2/1/1965-2/28/1965	31	3600 Chocin Circle	2.59	63.72			64.91	3.50				0.00	7			1.69	0.574				25	0			0	0
3/1/1965	31	3/1/1965-3/31/1965	31	3600 Chocin Circle	2.59	63.65			64.99	3.44				0.00	7			1.69	0.574				25	0			0	0
4/1/1965	31	4/1/1965-4/30/1965	31	3600 Chocin Circle	2.59	63.58			65.07	3.38				0.00	7			1.69	0.574				25	0			0	0
5/1/1965	31	5/1/1965-5/31/1965	31	3600 Chocin Circle	2.59	63.51			65.15	3.32				0.00	7			1.69	0.574				25	0			0	0
6/1/1965	31	6/1/1965-6/30/1965	31	3600 Chocin Circle	2.59	63.44			65.23	3.26				0.00	7			1.69	0.574				25	0			0	0
7/1/1965	31	7/1/1965-7/31/1965	31	3600 Chocin Circle	2.59	63.37			65.31	3.20				0.00	7			1.69	0.574				25	0			0	0
8/1/1965	31	8/1/1965-8/31/1965	31	3600 Chocin Circle	2.59	63.30			65.39	3.14				0.00	7			1.69	0.574				25	0			0	0
9/1/1965	31	9/1/1965-9/30/1965	31	3600 Chocin Circle	2.59	63.23			65.47	3.08				0.00	7			1.69	0.574				25	0			0	0
10/1/1965	31	10/1/1965-10/31/1965	31	3600 Chocin Circle	2.59	63.16			65.55	3.02				0.00	7			1.69	0.574				25	0			0	0
11/1/1965	31	11/1/1965-11/30/1965	31	3600 Chocin Circle	2.59	63.09			65.63	2.96				0.00	7			1.69	0.574				25	0			0	0
12/1/1965	31	12/1/1965-12/31/1965	31	3600 Chocin Circle	2.59	63.02			65.71	2.90				0.00	7			1.69	0.574				25	0			0	0
1/1/1966	31	1/1/1966-1/31/1966	31	3600 Chocin Circle	2.59	62.95			65.79	2.84				0.00	7			1.69	0.574				25	0			0	0
2/1/1966	31	2/1/1966-2/28/1966	31	3600 Chocin Circle	2.59	62.88			65.87	2.78				0.00	7			1.69	0.574				25	0			0	0
3/1/1966	31	3/1/1966-3/31/1966	31	3600 Chocin Circle	2.59	62.81			65.95	2.72				0.00	7			1.69	0.574				25	0			0	0
4/1/1966	31	4/1/1966-4/30/1966	31	3600 Chocin Circle	2.59	62.74			66.03	2.66				0.00	7			1.69	0.574				25	0			0	0
5/1/1966	31	5/1/1966-5/31/1966	31	3600 Chocin Circle	2.59	62.67			66.11	2.60				0.00	7			1.69	0.574				25	0			0	0
6/1/1966	31	6/1/1966-6/30/1966	31	3600 Chocin Circle	2.59	62.60			66.19	2.54				0.00	7			1.69	0.574				25	0			0	0
7/1/1966	31	7/1/1966-7/31/1966	31	3600 Chocin Circle	2.59	62.53			66.27	2.48				0.00	7			1.69	0.574				25	0			0	0
8/1/1966	31	8/1/1966-8/31/1966	31	3600 Chocin Circle	2.59	62.46			66.35	2.42				0.00	7			1.69	0.574				25	0			0	0
9/1/1966	31	9/1/1966-9/30/1966	31	3600 Chocin Circle	2.59	62.39			66.43	2.36				0.00	7			1.69	0.574				25	0			0	0
10/1/1966	31	10/1/1966-10/31/1966	31	3600 Chocin Circle	2.59	62.32			66.51	2.30				0.00	7			1.69	0.574				25	0			0	0
11/1/1966	31	11/1/1966-11/30/1966	31	3600 Chocin Circle	2.59	62.25			66.59	2.24				0.00	7			1.69	0.574				25	0			0	0

proportion of volume
ingested from TT
days per week

0.667 5

1 2

12/1/1966-12/31/1966	31	12/1/1966-12/31/1966	31	3424 Hagaru Dine	2.12	52.11			62.92	3.24			0.00	10			1.69	0.574			26	0			0	1
1/1/1967-1/31/1967	31	1/1/1967-1/31/1967	31	3424 Hagaru Dine	2.11	52.02			62.25	3.13			0.00	10			1.69	0.574			25	0			0	1
2/1/1967-2/28/1967	28	2/1/1967-2/28/1967	28	3424 Hagaru Dine	2.11	51.90			61.99	3.11			0.00	10			1.69	0.574			26	0			0	1
3/1/1967-3/31/1967	31	3/1/1967-3/31/1967	31	3424 Hagaru Dine	2.10	51.76			61.67	3.09			0.00	10			1.69	0.574			23	0			0	1
4/1/1967-4/30/1967	30	4/1/1967-4/30/1967	30	3424 Hagaru Dine	2.09	51.61			61.35	3.07			0.00	10			1.69	0.574			30	0			0	1
5/1/1967-5/31/1967	31	5/1/1967-5/31/1967	31	3424 Hagaru Dine	2.08	51.43			61.02	3.05			0.00	10			1.69	0.574			24	0			0	1
6/1/1967-6/30/1967	30	6/1/1967-6/30/1967	30	3424 Hagaru Dine	2.07	51.23			60.69	3.03			0.00	10			1.69	0.574			24	0			0	1
7/1/1967-7/31/1967	31	7/1/1967-7/31/1967	31	3424 Hagaru Dine	2.06	51.02			60.37	3.00			0.00	11			1.69	0.574			25	0			0	1
8/1/1967-8/31/1967	31	8/1/1967-8/31/1967	31	3424 Hagaru Dine	2.05	50.79			60.05	2.98			0.00	11			1.69	0.574			31	0			0	1
9/1/1967-9/30/1967	30	9/1/1967-9/30/1967	30	3424 Hagaru Dine	2.04	50.57			59.74	2.95			0.00	11			1.69	0.574			26	0			0	1
10/1/1967-10/31/1967	31	10/1/1967-10/31/1967	31	3424 Hagaru Dine	2.03	50.34			59.43	2.92			0.00	11			1.69	0.574			29	0			0	1
11/1/1967-11/30/1967	30	11/1/1967-11/30/1967	30	3424 Hagaru Dine	2.02	50.11			59.13	2.90			0.00	11			1.69	0.574			29	0			0	1
12/1/1967-12/31/1967	31	12/1/1967-12/31/1967	31	3424 Hagaru Dine	2.01	49.89			58.83	2.87			0.00	11			1.69	0.574			28	0			0	1
1/1/1968-1/31/1968	31	1/1/1968-1/31/1968	31	3424 Hagaru Dine	2.00	49.66			58.41	2.85			0.00	11			1.69	0.574			27	0			0	1
2/1/1968-2/29/1968	29	2/1/1968-2/29/1968	29	3424 Hagaru Dine	1.99	49.40			57.95	2.82			0.00	11			1.69	0.574			26	0			0	1
3/1/1968-3/31/1968	31	3/1/1968-3/31/1968	31	3424 Hagaru Dine	1.97	49.10			57.43	2.79			0.00	11			1.69	0.574			23	0			0	1
4/1/1968-4/30/1968	30	4/1/1968-4/30/1968	30	3424 Hagaru Dine	1.96	48.77			56.94	2.76			0.00	11			1.69	0.574			30	0			0	1
5/1/1968-5/31/1968	31	5/1/1968-5/31/1968	31	3424 Hagaru Dine	1.94	48.43			56.45	2.73			0.00	11			1.69	0.574			24	0			0	1
6/1/1968-6/30/1968	30	6/1/1968-6/30/1968	30	3424 Hagaru Dine	1.93	48.07			55.98	2.69			0.00	11			1.69	0.574			24	0			0	1
7/1/1968-7/31/1968	31	7/1/1968-7/31/1968	31	3424 Hagaru Dine	1.91	47.67			55.49	2.65			0.00	12			1.69	0.574			25	0			0	1
8/1/1968-8/31/1968	31	8/1/1968-8/31/1968	31	3424 Hagaru Dine	1.89	47.26			55.02	2.61			0.00	12			1.69	0.574			32	0			0	1
9/1/1968-9/30/1968	30	9/1/1968-9/30/1968	30	3424 Hagaru Dine	1.87	46.84			54.58	2.57			0.00	12			1.69	0.574			28	0			0	1
10/1/1968-10/31/1968	31	10/1/1968-10/31/1968	31	3424 Hagaru Dine	1.85	46.43			54.12	2.54			0.00	12			1.69	0.574			31	0			0	1
11/1/1968-11/30/1968	30	11/1/1968-11/30/1968	30	3424 Hagaru Dine	1.84	46.03			53.71	2.50			0.00	12			1.69	0.574			31	0			0	2
12/1/1968-12/31/1968	31	12/1/1968-12/31/1968	31	3424 Hagaru Dine	1.82	45.63			53.28	2.46			0.00	12			1.69	0.574			29	0			0	1
1/1/1969-1/31/1969	31	1/1/1969-1/31/1969	31	3424 Hagaru Dine	1.80	45.24			53.07	2.43			0.00	12			1.69	0.574			28	0			0	1
2/1/1969-2/29/1969	29	2/1/1969-2/29/1969	29	3424 Hagaru Dine	1.79	44.91			52.97	2.40			0.00	12			1.69	0.574			28	0			0	1
3/1/1969-3/31/1969	31	3/1/1969-3/31/1969	31	3424 Hagaru Dine	1.78	44.64			52.84	2.37			0.00	12			1.69	0.574			23	0			0	1
4/1/1969-4/30/1969	30	4/1/1969-4/30/1969	30	3424 Hagaru Dine	1.77	44.47			52.80	2.35			0.00	12			1.69	0.574			32	0			0	2
5/1/1969-5/31/1969	31	5/1/1969-5/31/1969	31	3424 Hagaru Dine	1.76	44.32			52.80	2.34			0.00	12			1.69	0.574			26	0			0	1
6/1/1969-6/30/1969	30	6/1/1969-6/30/1969	30	3424 Hagaru Dine	1.76	44.20			52.90	2.32			0.00	12			1.69	0.574			26	0			0	1
7/1/1969-7/31/1969	31	7/1/1969-7/31/1969	31	3424 Hagaru Dine	1.75	44.09			52.92	2.31			0.00	13			1.69	0.574			24	0			0	1
8/1/1969-8/31/1969	31	8/1/1969-8/31/1969	31	3424 Hagaru Dine	1.75	44.01			52.88	2.30			0.00	13			1.69	0.574			18	0			0	1
9/1/1969-9/30/1969	30	9/1/1969-9/30/1969	30	3424 Hagaru Dine	1.75	43.92			52.81	2.29			0.00	13			1.69	0.574			8	0			0	1
10/1/1969-10/31/1969	31	10/1/1969-10/31/1969	31	3424 Hagaru Dine	1.74	43.83			52.75	2.28			0.00	13			1.69	0.574			8	0			0	1
11/1/1969-11/30/1969	30	11/1/1969-11/30/1969	30	3424 Hagaru Dine	1.82	45.75			55.19	2.38			0.00	13			1.69	0.574			24	0			0	2
12/1/1969-12/31/1969	31	12/1/1969-12/31/1969	31	3424 Hagaru Dine	1.83	45.96			55.19	2.42			0.00	13			1.69	0.574			24	0			0	2
1/1/1970-1/31/1970	31	1/1/1970-1/31/1970	31	3424 Hagaru Dine	1.84	46.05			55.01	2.43			0.00	13			1.69	0.574			23	0			0	2
2/1/1970-2/29/1970	29	2/1/1970-2/29/1970	29	3424 Hagaru Dine	1.84	46.03			54.79	2.43			0.00	13			1.69	0.574			23	0			0	2
3/1/1970-3/31/1970	31	3/1/1970-3/31/1970	31	3424 Hagaru Dine	1.82	45.84			54.48	2.43			0.00	13			1.69	0.574			19	0			0	1
4/1/1970-4/30/1970	30	4/1/1970-4/30/1970	30	3424 Hagaru Dine	1.83	45.84			54.20	2.44			0.00	13			1.69	0.574			26	0			0	2
5/1/1970-5/31/1970	31	5/1/1970-5/31/1970	31	3424 Hagaru Dine	1.82	45.70			53.96	2.44			0.00	13			1.69	0.574			20	0			0	2
6/1/1970-6/30/1970	30	6/1/1970-6/30/1970	30	3424 Hagaru Dine	1.82	45.54			53.61	2.43			0.00	13			1.69	0.574			20	0			0	2
7/1/1970-7/31/1970	31	7/1/1970-7/31/1970	31	3424 Hagaru Dine	1.81	45.37			53.32	2.43			0.00	14			1.69	0.574			20	0			0	2
8/1/1970-8/31/1970	31	8/1/1970-8/31/1970	31	3424 Hagaru Dine	1.80	45.20			53.04	2.42			0.00	14			1.69	0.574			24	0			0	2
9/1/1970-9/30/1970	30	9/1/1970-9/30/1970	30	3424 Hagaru Dine	1.79	45.00			52.78	2.41			0.00	14			1.69	0.574			21	0			0	2

Exposure Date TT	Total Dose TT	Exposure Date NP	Total Dose NP	Substituted Location (Dose) (Percent)	VC log10 TT	Cumulative dose (TT & NP)	Cumulative dose (TT only)	Cumulative dose (NP only)	VC log10 NP	Cumulative dose (TT & NP)	Cumulative dose (TT only)	Cumulative dose (NP only)	VC log10 TT	Cumulative dose (TT & NP)	Cumulative dose (TT only)	Cumulative dose (NP only)	Daily Ingestion L	VC log10 NP	VC log10 TT	VC log10 NP	VC log10 TT		
8/1/1959-8/31/1959	27	27	0.495	125	35	198	8.88	201	203	0	14.13	200	250	0	2.44	95	95	0	0	0	0	18	0.03
8/1/1959-8/31/1959	30	30	0.533	133	33	197	10.75	295	246	0	13.36	353	353	0	2.58	99	99	0	0	0	0	18	0.03
8/1/1959-8/31/1959	30	30	0.533	133	33	197	10.75	295	246	0	13.36	353	353	0	2.58	99	99	0	0	0	0	18	0.03
11/1/1959-11/30/1959	88	88	0.83	173	14	187	11.24	266	286	0	14.03	414	414	0	2.84	66	66	0	0	0	0	29	0.06
11/1/1959-11/30/1959	88	88	0.83	173	14	187	11.24	266	286	0	14.03	414	414	0	2.84	66	66	0	0	0	0	29	0.06
12/1/1959-12/31/1959	31	31	0.286	141	31	186	13.46	393	393	0	13.46	495	495	0	3.04	138	138	0	0	0	0	3	0.01
12/1/1959-12/31/1959	31	31	0.271	150	37	183	14.48	362	340	0	13.97	465	465	0	3.07	73	73	0	0	0	0	18	0.03
1/1/1960-1/31/1960	30	30	0.76	103	35	87	15.34	332	332	0	12.35	477	477	0	3.23	88	88	0	0	0	0	13	0.03
1/1/1960-1/31/1960	31	31	0.8	118	36	86	16.54	363	363	0	12.83	563	563	0	3.39	89	89	0	0	0	0	13	0.03
4/1/1960-4/30/1960	30	30	0.861	155	39	108	17.7	405	380	0	16.48	581	581	0	3.48	86	86	0	0	0	0	19	0.04
4/1/1960-4/30/1960	31	31	0.924	125	33	107	18.84	445	445	0	17.15	641	641	0	3.65	86	86	0	0	0	0	14	0.02
6/1/1960-6/30/1960	30	30	0.988	115	22	98	20.08	452	439	0	18.81	608	608	0	3.77	72	72	0	0	0	0	11	0.04
7/1/1960-7/31/1960	31	31	1.053	120	28	96	21.34	504	504	0	19.36	722	722	0	3.93	93	93	0	0	0	0	11	0.04
7/1/1960-7/31/1960	31	31	1.053	120	28	96	21.34	504	504	0	19.36	722	722	0	3.93	93	93	0	0	0	0	11	0.04
8/1/1960-8/31/1960	30	30	1.14	133	26	107	24.03	549	549	0	19.34	780	780	0	4.19	95	95	0	0	0	0	15	0.03
8/1/1960-8/31/1960	31	31	1.19	135	26	107	25.15	591	591	0	19.51	832	832	0	4.25	95	95	0	0	0	0	14	0.03
11/1/1959-11/30/1959	30	30	1.27	186	29	157	26.77	922	922	0	27.85	865	865	0	4.46	102	102	0	0	0	0	22	0.05
12/1/1959-12/31/1959	31	31	1.533	157	33	155	28.18	968	968	0	28.78	848	848	0	4.8	105	105	0	0	0	0	17	0.04
1/1/1960-1/31/1960	31	31	1.44	163	33	155	29.57	968	968	0	29.78	848	848	0	4.8	105	105	0	0	0	0	17	0.04
4/1/1960-4/30/1960	30	30	1.68	168	36	148	34.17	868	868	0	34.17	868	868	0	4.88	87	87	0	0	0	0	11	0.04
5/1/1960-5/31/1960	31	31	1.624	152	36	146	32.38	779	779	0	46.03	1087	1087	0	4.97	117	117	0	0	0	0	9	0.03
6/1/1960-6/30/1960	30	30	1.85	153	33	143	34.31	1153	1153	0	51.13	1153	1153	0	5.13	113	113	0	0	0	0	21	0.03
5/1/1960-5/31/1960	31	31	1.688	135	39	108	35.67	842	842	0	59.17	1100	1100	0	5.21	123	123	0	0	0	0	13	0.03
6/1/1960-6/30/1960	30	30	1.73	125	46	88	37.24	851	851	0	52.31	1200	1200	0	5.39	122	122	0	0	0	0	13	0.03
7/1/1960-7/31/1960	31	31	1.988	124	38	95	38.59	1004	1004	0	54.24	1200	1200	0	5.49	120	120	0	0	0	0	13	0.03
8/1/1960-8/31/1960	30	30	1.878	135	46	111	40.45	955	955	0	56.98	1345	1345	0	5.59	122	122	0	0	0	0	13	0.03
9/1/1960-9/30/1960	30	30	1.94	144	45	106	43.13	951	951	0	59.19	1333	1333	0	5.73	120	120	0	0	0	0	13	0.03
10/1/1960-10/31/1960	31	31	2.022	144	48	99	43.8	1003	1003	0	61.3	1448	1448	0	5.86	138	138	0	0	0	0	13	0.03
11/1/1960-11/30/1960	30	30	2.088	176	48	130	45.57	1504	1504	0	63.42	1460	1460	0	6.03	137	137	0	0	0	0	13	0.03
12/1/1960-12/31/1960	31	31	2.17	166	55	116	47.84	1417	1417	0	65.85	1555	1555	0	6.17	140	140	0	0	0	0	13	0.03
1/1/1961-1/31/1961	31	31	2.25	171	53	118	49.15	1481	1481	0	67.69	1599	1599	0	6.3	149	149	0	0	0	0	16	0.03
2/1/1961-2/28/1961	28	28	2.38	178	51	125	50.78	1558	1558	0	69.61	1688	1688	0	6.44	148	148	0	0	0	0	16	0.03
3/1/1961-3/31/1961	31	31	2.41	133	63	74	52.73	1345	1345	0	71.58	1690	1690	0	6.61	165	165	0	0	0	0	20	0.03
4/1/1961-4/30/1961	30	30	2.488	185	57	120	54.69	1255	1250	0	73.49	1680	1680	0	6.77	155	155	0	0	0	0	18	0.03
5/1/1961-5/31/1961	30	30	2.588	172	61	111	56.57	1358	1358	0	75.46	1738	1738	0	6.9	158	158	0	0	0	0	18	0.03
6/1/1961-6/30/1961	30	30	2.688	165	63	100	58.33	1338	1338	0	77.39	1789	1789	0	7.07	162	162	0	0	0	0	14	0.03
7/1/1961-7/31/1961	31	31	2.736	165	65	93	59.38	1427	1427	0	79.38	1874	1874	0	7.17	162	162	0	0	0	0	14	0.03
8/1/1961-8/31/1961	31	31	2.833	207	67	101	62.43	1474	1474	0	81.35	1952	1952	0	7.36	174	174	0	0	0	0	14	0.03
9/1/1961-9/30/1961	30	30	2.93	188	67	111	64.4	1472	1472	0	83.39	1954	1954	0	7.53	172	172	0	0	0	0	17	0.03
10/1/1961-10/31/1961	31	31	3.03	186	71	104	66.35	1566	1566	0	85.35	2013	2013	0	7.64	184	184	0	0	0	0	17	0.03
11/1/1961-11/30/1961	30	30	3.139	206	71	108	68.33	1582	1582	0	86.95	1987	1987	0	7.79	178	178	0	0	0	0	19	0.03
12/1/1961-12/31/1961	31	31	3.17	195	75	111	70.38	1660	1660	0	88.84	2098	2098	0	7.92	187	187	0	0	0	0	15	0.03
1/1/1962-1/31/1962	31	31	3.288	185	73	113	72.38	1748	1748	0	90.78	2159	2159	0	8.05	198	198	0	0	0	0	15	0.03

Chart 2: Days on base and cumulative contaminant exposure concentrations (ATSDR RME ave ingestion by age)

Exposure Dates TT	Total Days TT	Exposure Dates HP	Total Days HP	Residential Location (Source: Truist)	VC (log10) TT	Cumulative dose (TT only)	Cumulative dose (HP only)	PCE (log10) PCE/HP	Cumulative dose (TT only)	Cumulative dose (HP only)	PCE (log10) PCE/HP	VC (log10) TT	Cumulative dose (TT & HP)	Cumulative dose (TT only)	Cumulative dose (HP only)	B2 (log10) TT	Cumulative dose (TT & HP)	Cumulative dose (TT only)	Cumulative dose (HP only)	ATSDR/NIH Child ingestion capacity	VC (log10) HP	PCE log10 HP	VC (log10) HP	B2 (log10) HP		
8/5/1989-8/5/1989	27	8/5/1989-8/5/1989	27	8/5/1989-8/5/1989	27	0.49	145	0	105	185	0	14	265	265	0	2	46	46	0	105	0.12	18	0.00	0	18	
8/12/1989-8/12/1989	30	8/12/1989-8/12/1989	30	8/12/1989-8/12/1989	30	1.43	289	0	123	413	0	34	599	599	0	3	88	88	0	123	0.38	23	0.00	0	23	
8/19/1989-8/19/1989	31	8/19/1989-8/19/1989	31	8/19/1989-8/19/1989	31	0.47	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
8/26/1989-8/26/1989	31	8/26/1989-8/26/1989	31	8/26/1989-8/26/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
9/2/1989-9/2/1989	31	9/2/1989-9/2/1989	31	9/2/1989-9/2/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
9/9/1989-9/9/1989	31	9/9/1989-9/9/1989	31	9/9/1989-9/9/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
9/16/1989-9/16/1989	31	9/16/1989-9/16/1989	31	9/16/1989-9/16/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
9/23/1989-9/23/1989	31	9/23/1989-9/23/1989	31	9/23/1989-9/23/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
9/30/1989-9/30/1989	31	9/30/1989-9/30/1989	31	9/30/1989-9/30/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
10/7/1989-10/7/1989	31	10/7/1989-10/7/1989	31	10/7/1989-10/7/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
10/14/1989-10/14/1989	31	10/14/1989-10/14/1989	31	10/14/1989-10/14/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
10/21/1989-10/21/1989	31	10/21/1989-10/21/1989	31	10/21/1989-10/21/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
10/28/1989-10/28/1989	31	10/28/1989-10/28/1989	31	10/28/1989-10/28/1989	31	0.49	199	10	88	147	266	549	0	147	366	366	0	48	48	0	199	0.44	14	0.00	14	
11/4/1989-11/4/1989	31	11/4/1989-11/4/1989	31	11/4/1989-11/4/1989	31	1.14	339	25	105	24	539	539	0	34	762	762	0	4	104	94	0	105	0.77	15	0.00	15
11/11/1989-11/11/1989	31	11/11/1989-11/11/1989	31	11/11/1989-11/11/1989	31	1.2	129	28	101	25	585	585	0	38	813	813	0	4	104	100	0	101	0.77	14	0.00	14
11/18/1989-11/18/1989	31	11/18/1989-11/18/1989	31	11/18/1989-11/18/1989	31	1.27	182	28	104	27	599	599	0	38	845	845	0	4	104	100	0	104	0.77	22	0.00	22
11/25/1989-11/25/1989	31	11/25/1989-11/25/1989	31	11/25/1989-11/25/1989	31	1.33	153	31	122	28	650	650	0	40	918	918	0	4	104	100	0	123	0.77	17	0.00	17
12/2/1989-12/2/1989	31	12/2/1989-12/2/1989	31	12/2/1989-12/2/1989	31	1.4	148	35	115	38	685	685	0	41	966	966	0	5	103	108	0	115	0.77	16	0.00	16
12/9/1989-12/9/1989	29	12/9/1989-12/9/1989	29	12/9/1989-12/9/1989	29	1.46	168	32	74	31	673	673	0	44	1047	1047	0	5	103	108	0	74	0.77	11	0.00	11
12/16/1989-12/16/1989	31	12/16/1989-12/16/1989	31	12/16/1989-12/16/1989	31	1.52	194	36	85	33	752	752	0	48	1082	1082	0	5	115	115	0	85	0.77	9	0.00	9
12/23/1989-12/23/1989	30	12/23/1989-12/23/1989	30	12/23/1989-12/23/1989	30	1.59	147	36	112	34	763	763	0	48	1075	1075	0	5	114	114	0	112	0.77	10	0.00	10
1/6/1990-1/6/1990	31	1/6/1990-1/6/1990	31	1/6/1990-1/6/1990	31	1.66	152	38	84	36	823	823	0	55	1150	1150	0	5	124	124	0	84	0.77	11	0.00	11
1/13/1990-1/13/1990	30	1/13/1990-1/13/1990	30	1/13/1990-1/13/1990	30	1.73	152	38	88	37	853	853	0	55	1157	1157	0	5	119	119	0	84	0.77	10	0.00	10
1/20/1990-1/20/1990	31	1/20/1990-1/20/1990	31	1/20/1990-1/20/1990	31	1.8	138	42	87	38	885	885	0	55	1263	1263	0	5	128	128	0	87	0.77	12	0.00	12
1/27/1990-1/27/1990	31	1/27/1990-1/27/1990	31	1/27/1990-1/27/1990	31	1.84	142	38	88	39	893	893	0	57	1314	1314	0	5	138	138	0	88	0.77	10	0.00	10
2/3/1990-2/3/1990	30	2/3/1990-2/3/1990	30	2/3/1990-2/3/1990	30	1.84	141	40	88	42	911	911	0	59	1350	1350	0	5	138	138	0	88	0.77	14	0.00	14
2/10/1990-2/10/1990	31	2/10/1990-2/10/1990	31	2/10/1990-2/10/1990	31	2.02	140	47	84	44	1013	1013	0	55	1415	1415	0	5	133	133	0	84	0.77	11	0.00	11
2/17/1990-2/17/1990	30	2/17/1990-2/17/1990	30	2/17/1990-2/17/1990	30	2.2	142	48	88	47	1018	1018	0	55	1418	1418	0	5	133	133	0	84	0.77	10	0.00	10
2/24/1990-2/24/1990	31	2/24/1990-2/24/1990	31	2/24/1990-2/24/1990	31	2.17	151	50	101	47	1092	1092	0	58	1514	1514	0	5	142	142	0	101	0.77	14	0.00	14
3/2/1990-3/2/1990	31	3/2/1990-3/2/1990	31	3/2/1990-3/2/1990	31	2.2	151	50	101	47	1092	1092	0	58	1514	1514	0	5	142	142	0	101	0.77	14	0.00	14
3/9/1990-3/9/1990	28	3/9/1990-3/9/1990	28	3/9/1990-3/9/1990	28	2.33	127	46	78	51	1084	1084	0	79	1449	1449	0	5	135	135	0	78	0.77	12	0.00	12
3/16/1990-3/16/1990	31	3/16/1990-3/16/1990	31	3/16/1990-3/16/1990	31	2.44	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
3/23/1990-3/23/1990	31	3/23/1990-3/23/1990	31	3/23/1990-3/23/1990	31	2.48	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
3/30/1990-3/30/1990	31	3/30/1990-3/30/1990	31	3/30/1990-3/30/1990	31	2.48	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
4/6/1990-4/6/1990	31	4/6/1990-4/6/1990	31	4/6/1990-4/6/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
4/13/1990-4/13/1990	31	4/13/1990-4/13/1990	31	4/13/1990-4/13/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
4/20/1990-4/20/1990	31	4/20/1990-4/20/1990	31	4/20/1990-4/20/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
4/27/1990-4/27/1990	31	4/27/1990-4/27/1990	31	4/27/1990-4/27/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
5/4/1990-5/4/1990	31	5/4/1990-5/4/1990	31	5/4/1990-5/4/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
5/11/1990-5/11/1990	31	5/11/1990-5/11/1990	31	5/11/1990-5/11/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
5/18/1990-5/18/1990	31	5/18/1990-5/18/1990	31	5/18/1990-5/18/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
5/25/1990-5/25/1990	31	5/25/1990-5/25/1990	31	5/25/1990-5/25/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
6/1/1990-6/1/1990	31	6/1/1990-6/1/1990	31	6/1/1990-6/1/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
6/8/1990-6/8/1990	31	6/8/1990-6/8/1990	31	6/8/1990-6/8/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
6/15/1990-6/15/1990	31	6/15/1990-6/15/1990	31	6/15/1990-6/15/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
6/22/1990-6/22/1990	31	6/22/1990-6/22/1990	31	6/22/1990-6/22/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
6/29/1990-6/29/1990	31	6/29/1990-6/29/1990	31	6/29/1990-6/29/1990	31	2.5	188	56	72	53	1172	1172	0	72	1651	1651	0	7	153	153	0	72	0.77	10	0.00	10
7/6/1990-7/6/1990	31	7/6/1990-7/6/1990	31	7/6/1990-7/6/1990	31	2.5	188	56	72	5																

[illegible]

Table 1. Daily and cumulative estimated exposure concentrations (ATCER RFR) are weighted until age 6 and then deweighted without uncertainty														
Exposure Dates TT	Total Days TT	Exposure Dates NP	Total Days NP	Residential Location (see Table 1)	TCE (µg/L) TT	Cumulative dose (TT & NP)	Cumulative dose (NP only)	PCE (µg/L) TT	Cumulative dose (TT & NP)	Cumulative dose (NP only)	PCE (µg/L) TT	Cumulative dose (TT & NP)	Cumulative dose (NP only)	ATCER RFR (µg/L) ingestion rate (age 6+)
8/5/1958-8/31/1958	27	8/5/1958-8/31/1958	27	0	0.49	115	9	300	32	185	185	0	19	0.95
9/1/1958-9/30/1958	30	9/1/1958-9/30/1958	30	0	0.53	159	11	388	11	224	224	0	15	0.95
10/1/1958-10/31/1958	31	10/1/1958-10/31/1958	31	0	0.61	210	13	421	13	295	295	0	17	0.95
11/1/1958-11/30/1958	30	11/1/1958-11/30/1958	30	0	0.61	158	13	343	13	251	251	0	19	0.95
12/1/1958-12/31/1958	31	12/1/1958-12/31/1958	31	0	0.66	129	14	314	13	260	260	0	19	0.95
1/1/1959-1/31/1959	31	1/1/1959-1/31/1959	31	0	0.71	109	15	271	15	220	220	0	19	0.95
2/1/1959-2/28/1959	28	2/1/1959-2/28/1959	28	0	0.76	94	15	239	16	200	200	0	19	0.95
3/1/1959-3/31/1959	31	3/1/1959-3/31/1959	31	0	0.82	78	16	214	16	186	186	0	19	0.95
4/1/1959-4/30/1959	30	4/1/1959-4/30/1959	30	0	0.83	141	18	324	18	309	309	0	19	0.95
5/1/1959-5/31/1959	31	5/1/1959-5/31/1959	31	0	0.91	114	20	349	19	405	405	0	27	0.95
6/1/1959-6/30/1959	30	6/1/1959-6/30/1959	30	0	0.96	105	20	351	20	410	410	0	29	0.95
7/1/1959-7/31/1959	31	7/1/1959-7/31/1959	31	0	1.00	112	24	480	24	468	468	0	35	0.95
8/1/1959-8/31/1959	31	8/1/1959-8/31/1959	31	0	1.06	155	25	530	23	520	520	0	37	0.95
9/1/1959-9/30/1959	30	9/1/1959-9/30/1959	30	0	1.14	130	26	500	26	470	470	0	39	0.95
10/1/1959-10/31/1959	31	10/1/1959-10/31/1959	31	0	1.22	109	26	454	27	466	466	0	39	0.95
11/1/1959-11/30/1959	30	11/1/1959-11/30/1959	30	0	1.27	160	28	554	27	566	566	0	44	0.95
12/1/1959-12/31/1959	31	12/1/1959-12/31/1959	31	0	1.33	121	29	620	28	620	620	0	46	0.95
1/1/1960-1/31/1960	31	1/1/1960-1/31/1960	31	0	1.44	148	30	715	30	685	685	0	49	0.95
2/1/1960-2/29/1960	29	2/1/1960-2/29/1960	29	0	1.48	109	30	660	30	660	660	0	50	0.95
3/1/1960-3/31/1960	31	3/1/1960-3/31/1960	31	0	1.52	106	30	561	31	724	724	0	50	0.95
4/1/1960-4/30/1960	30	4/1/1960-4/30/1960	30	0	1.59	147	30	612	34	763	763	0	50	0.95
5/1/1960-5/31/1960	31	5/1/1960-5/31/1960	31	0	1.66	148	31	680	35	828	828	0	51	0.95
6/1/1960-6/30/1960	30	6/1/1960-6/30/1960	30	0	1.73	129	31	84	37	810	810	0	51	0.95
7/1/1960-7/31/1960	31	7/1/1960-7/31/1960	31	0	1.8	109	31	889	38	928	928	0	51	0.95
8/1/1960-8/31/1960	31	8/1/1960-8/31/1960	31	0	1.87	151	43	984	40	954	954	0	51	0.95
9/1/1960-9/30/1960	30	9/1/1960-9/30/1960	30	0	1.94	143	43	988	42	941	941	0	51	0.95
10/1/1960-10/31/1960	31	10/1/1960-10/31/1960	31	0	2.02	120	47	1011	47	1011	1011	0	51	0.95
11/1/1960-11/30/1960	30	11/1/1960-11/30/1960	30	0	2.09	172	47	109	48	1139	1139	0	51	0.95
12/1/1960-12/31/1960	31	12/1/1960-12/31/1960	31	0	2.17	151	48	1104	50	1104	1104	0	51	0.95
1/1/1961-1/31/1961	31	1/1/1961-1/31/1961	31	0	2.24	167	52	1161	50	1161	1161	0	51	0.95
2/1/1961-2/28/1961	28	2/1/1961-2/28/1961	28	0	2.31	127	48	729	53	729	729	0	51	0.95
3/1/1961-3/31/1961	31	3/1/1961-3/31/1961	31	0	2.39	141	51	781	53	781	781	0	51	0.95
4/1/1961-4/30/1961	30	4/1/1961-4/30/1961	30	0	2.49	181	56	109	105	1221	1221	0	51	0.95
5/1/1961-5/31/1961	31	5/1/1961-5/31/1961	31	0	2.58	168	58	1129	58	1129	1129	0	51	0.95
6/1/1961-6/30/1961	30	6/1/1961-6/30/1961	30	0	2.68	157	58	106	130	1242	1242	0	51	0.95
7/1/1961-7/31/1961	31	7/1/1961-7/31/1961	31	0	2.76	166	60	108	132	1274	1274	0	51	0.95
8/1/1961-8/31/1961	31	8/1/1961-8/31/1961	31	0	2.84	166	60	108	132	1274	1274	0	51	0.95
9/1/1961-9/30/1961	30	9/1/1961-9/30/1961	30	0	2.93	184	65	110	140	1438	1438	0	51	0.95
10/1/1961-10/31/1961	31	10/1/1961-10/31/1961	31	0	3.01	166	65	110	140	1438	1438	0	51	0.95
11/1/1961-11/30/1961	30	11/1/1961-11/30/1961	30	0	3.09	202	66	134	148	1626	1626	0	51	0.95
12/1/1961-12/31/1961	31	12/1/1961-12/31/1961	31	0	3.17	181	68	128	150	1652	1652	0	51	0.95
1/1/1962-1/31/1962	31	1/1/1962-1/31/1962	31	0	3.25	181	68	128	150	1652	1652	0	51	0.95
2/1/1962-2/28/1962	28	2/1/1962-2/28/1962	28	0	3.33	138	47	80	109	1099	1099	0	51	0.95
3/1/1962-3/31/1962	31	3/1/1962-3/31/1962	31	0	3.41	149	59	87	116	1166	1166	0	51	0.95

4/1/1980-4/30/1980	30	4/1/1980-4/30/1980	30	4	246	188	50	143	32	1188	1188	0	84	1450	1450	0	0	0	107	147	0	0	133	0	133	0	0.977	10	0	0	10
4/1/1980-5/31/1980	31	5/1/1980-5/31/1980	31	0	247	179	52	151	33	1222	1222	0	0	1451	1451	0	0	0	111	151	0	0	141	0	141	0	0.977	11	0	0	11
4/1/1980-6/30/1980	30	6/1/1980-6/30/1980	30	0	248	184	54	155	34	1265	1265	0	0	1455	1455	0	0	0	115	155	0	0	145	0	145	0	0.977	15	0	0	15
7/1/1980-7/31/1980	31	7/1/1980-7/31/1980	31	0	249	147	240	50	54	5480	5480	0	0	655	655	0	0	0	583	583	0	0	583	0	583	0	0.978	10	0	0	10
4/1/1980-8/31/1980	31	8/1/1980-8/31/1980	31	0	249	907	246	60	107	608	608	0	0	608	608	0	0	0	608	608	0	0	608	0	608	0	0.978	10	0	0	10
4/1/1980-9/30/1980	30	9/1/1980-9/30/1980	30	0	248	297	220	548	0	541	541	0	0	648	648	0	0	0	547	547	0	0	548	0	548	0	0.946	14	0	0	14
4/1/1980-10/31/1980	30	10/1/1980-10/31/1980	30	0	248	97	245	60	107	608	608	0	0	608	608	0	0	0	547	547	0	0	548	0	548	0	0.977	10	0	0	10
11/1/1980-11/30/1980	30	11/1/1980-11/30/1980	30	0	248	914	245	608	0	571	555	207	0	675	668	207	0	0	668	668	0	0	668	0	668	0	0.958	10	0	0	10
12/1/1980-12/31/1980	31	12/1/1980-12/31/1980	31	0	247	880	251	525	0	5730	5730	0	0	6854	6854	0	0	0	541	541	0	0	620	0	620	0	0.978	20	0	0	20
1/1/1981-1/31/1981	31	1/1/1981-1/31/1981	31	0	248	230	230	60	107	608	608	0	0	608	608	0	0	0	574	574	0	0	574	0	574	0	0.978	10	0	0	10
4/1/1981-4/30/1981	30	4/1/1981-4/30/1981	30	0	247	297	220	548	0	548	548	0	0	648	648	0	0	0	547	547	0	0	548	0	548	0	0.946	14	0	0	14
5/1/1981-5/31/1981	31	5/1/1981-5/31/1981	31	0	248	914	245	608	0	571	555	207	0	675	668	207	0	0	668	668	0	0	668	0	668	0	0.958	10	0	0	10
6/1/1981-6/30/1981	30	6/1/1981-6/30/1981	30	0	247	977	247	738	0	581	581	0	0	681	679	207	0	0	735	0	0	0	735	0	735	0	0.978	10	0	0	10
7/1/1981-7/31/1981	31	7/1/1981-7/31/1981	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
8/1/1981-8/31/1981	31	8/1/1981-8/31/1981	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
9/1/1981-9/30/1981	30	9/1/1981-9/30/1981	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
10/1/1981-10/31/1981	31	10/1/1981-10/31/1981	31	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
11/1/1981-11/30/1981	30	11/1/1981-11/30/1981	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
12/1/1981-12/31/1981	31	12/1/1981-12/31/1981	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
1/1/1982-1/31/1982	31	1/1/1982-1/31/1982	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
4/1/1982-4/30/1982	30	4/1/1982-4/30/1982	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
5/1/1982-5/31/1982	31	5/1/1982-5/31/1982	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
6/1/1982-6/30/1982	30	6/1/1982-6/30/1982	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
7/1/1982-7/31/1982	31	7/1/1982-7/31/1982	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
8/1/1982-8/31/1982	31	8/1/1982-8/31/1982	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
9/1/1982-9/30/1982	30	9/1/1982-9/30/1982	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
10/1/1982-10/31/1982	31	10/1/1982-10/31/1982	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
11/1/1982-11/30/1982	30	11/1/1982-11/30/1982	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
12/1/1982-12/31/1982	31	12/1/1982-12/31/1982	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
1/1/1983-1/31/1983	31	1/1/1983-1/31/1983	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
4/1/1983-4/30/1983	30	4/1/1983-4/30/1983	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
5/1/1983-5/31/1983	31	5/1/1983-5/31/1983	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
6/1/1983-6/30/1983	30	6/1/1983-6/30/1983	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
7/1/1983-7/31/1983	31	7/1/1983-7/31/1983	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
8/1/1983-8/31/1983	31	8/1/1983-8/31/1983	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
9/1/1983-9/30/1983	30	9/1/1983-9/30/1983	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
10/1/1983-10/31/1983	31	10/1/1983-10/31/1983	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
11/1/1983-11/30/1983	30	11/1/1983-11/30/1983	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
12/1/1983-12/31/1983	31	12/1/1983-12/31/1983	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
1/1/1984-1/31/1984	31	1/1/1984-1/31/1984	31	0	248	914	251	608	0	571	555	207	0	675	668	207	0	0	735	0	0	0	735	0	735	0	0.978	20	0	0	20
4/1/1984-4/30/1984	30	4/1/1984-4/30/1984	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
5/1/1984-5/31/1984	31	5/1/1984-5/31/1984	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
6/1/1984-6/30/1984	30	6/1/1984-6/30/1984	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
7/1/1984-7/31/1984	31	7/1/1984-7/31/1984	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
8/1/1984-8/31/1984	31	8/1/1984-8/31/1984	31	0	249	854	251	597	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
9/1/1984-9/30/1984	30	9/1/1984-9/30/1984	30	0	247	977	247	738	0	581	581	0	0	679	679	0	0	0	518	518	0	0	597	0	597	0	0.978	10	0	0	10
10/1/1984-10/31/1984	31	10/1/1984-10/31/1984	31	0	248	914	251	608	0	571	555	207	0	675	668	207															

Summed variable totals

		Chart 1: 1L	Chart 2: ATSDR RME	Chart 3: ATSDR CTE	Chart 4: ATSDR RME; deposition ingestion age 6+
	Cumulative ug/l-M	Cumulative consumption (total ug= days*concentration per L)	Cumulative consumption (total ug= days*concentration per ATSDR exposure assumptions)	Cumulative consumption (total ug= days*concentration per deposition/FM exposure assumptions)	Cumulative consumption (total ug= days*concentration per deposition/FM exposure assumptions)
Hadnot Point					
TCE	3,608	26,042	40,097	13,871	93,536
PCE	-	-	14,049	4,772	35,403
VC	10	66	-	-	-
BZ	161	1,157	40,097	13,871	93,536
Terawa Terrace					
TCE	317	7,258	3,783	3,783	24,544
PCE (TechFlowMP Model)	7,518	172,268	90,529	90,529	595,062
PCE (MT3DMS Model)	9,236	211,660	110,277	110,277	715,375
VC	612	14,050	6,948	6,948	41,177
BZ	-	-	-	-	-
Totals HP & TT					
TCE	3,925	33,300	50,956	17,655	118,080
PCE (TechFlowMP Model)	7,518	172,268	274,503	95,301	630,465
PCE (MT3DMS Model)	9,236	211,660	330,565	115,049	750,778
VC	622	14,116	19,632	6,948	41,177
BZ	161	1,157	40,097	13,871	93,536

Table 3: Parameters Used for Exposure Assessment- Ingestion and Dermal Pathways

Age	ED (yrs)	EF (days/ yr)	LT ^a (yrs)	Ingestion Pathway						Dermal Pathway						ADAF
				Ingestion Rate ^a (L/day)				BW ^a (kg)	Skin surface area ^a (cm ²)	Lsc ^b	Kp	tau	t [*]	B		
				RME		CTE										
Child (age 0–1)	3	350	78	1.113	0.994	0.504	0.389	7.8	10.9	4,567	5,889	0.001	chemical-specific values ^b	10		
Child (age 1–2)				0.893		0.308		11.4		6,100		0.001		10		
Child (age 2–3)				0.912		0.356		13.6		7,000		0.001		3		
Child (age 3–6)				0.977		0.382		17.4	9,500	0.001	3					
Child (age 6–16)				1.690		0.574		44.3	17,700	0.001	3					
Adult resident				3.092		1.227		80	24,265	0.001	1					
Civilian worker	3-15	250	78	3.092		1.227		80	24,265	0.001				1		
Marine-in-training*	3	350	78	4.334		4.334		80	24,265	0.001				1		

^a Values from U.S. EPA Exposure Factors Handbook (USEPA 2011d); Ingestion Rate-Table 3-1 (consumers-95th percentile); Body Weight- Table 8-1(50th percentile); Skin Surface Area- Table 7-1 (95th percentile)

^b Values from U.S. EPA Dermal Risk Assessment Guidance (USEPA 2004)

ADAF = age dependent adjustment factor for chemicals that act by a mutagenic mode of action (kidney cancer for TCE) (USEPA 2005)

B = dimensionless ratio of the permeability coefficient of a compound through the stratum corneum relative to its permeability coefficient across the viable epidermis (unitless)

BW = body weight (kg)

CTE = central tendency exposure

ED = exposure duration (yrs)

IR = Ingestion rate (L/day)

K_p = permeability constant (cm/hr)

L_{sc} = apparent thickness of stratum corneum; used to calculate tau (cm)

LT= lifetime (yrs)

RME = reasonable maximum exposure

tau = lag time per event (hours/event)

t* = time to reach steady-state (hours)

*Marine-in-training: assumes water ingestion rate of 6 L/day for 3x per week and 3.1 L/day for 4x per week; developed by combining information gathered from former Marines at the community assistance panel meetings and recommended military fluid replacement guidelines (Kolka et al., 2003)