

## Individual Receptor Pathway Doses : Time Step 9

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.86E-08	1.86E-08	9.88E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.16E-02	2.54E-05	8.35E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.61E-02	7.94E-06	2.61E-04	1.58E-02	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.58E-02	1.27E-05	4.17E-04	2.54E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.22E-02	1.58E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.42E-02	1.19E-05	3.91E-04	2.38E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.07E-01	9.95E-05	3.61E-03	2.04E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.18E-01	1.02E-04	4.03E-03	2.14E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.19E-01	6.50E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.11E-01	6.27E-05	9.84E-04	1.10E-01	0.00E+00	0.00E+00	0.00E+00
	Total	8.08E-01	4.03E-04	1.24E-02	7.93E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.39E-08	1.39E-08	7.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.84E-02	1.41E-05	3.35E-04	2.60E-02	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	4.22E-02	2.26E-05	5.36E-04	4.17E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.96E-02	2.12E-05	5.02E-04	3.91E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.29E-01	6.61E-05	1.99E-03	1.27E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.02E-01	1.10E-04	2.27E-03	1.99E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.62E-01	8.84E-05	1.90E-03	1.60E-01	0.00E+00	0.00E+00	0.00E+00
	Total	8.70E-01	4.71E-04	1.04E-02	8.59E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.97E-08	2.97E-08	1.58E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.47E-02	6.37E-05	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.60E-03	2.01E-06	9.84E-05	4.50E-03	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.37E-03	3.17E-06	1.57E-04	7.21E-03	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	9.21E-03	3.98E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	6.91E-03	2.97E-06	1.48E-04	6.76E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	7.22E-02	3.15E-05	1.54E-03	7.06E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	6.59E-02	2.84E-05	1.42E-03	6.44E-02	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.55E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	4.77E-02	2.06E-05	1.02E-03	4.66E-02	0.00E+00	0.00E+00	0.00E+00
	Total	2.88E-01	1.25E-04	6.17E-03	2.82E-01	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.94E-13	4.94E-13	2.63E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.22E-01	2.27E-05	6.09E-06	2.22E-01	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.56E-01	3.63E-05	9.74E-06	3.56E-01	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.33E-01	3.41E-05	9.13E-06	3.33E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.06E+00	4.34E-04	2.12E-03	1.06E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	1.87E+00	5.65E-04	1.39E-03	1.86E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.78E-02	1.36E-05	2.37E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
	Total	5.06E+00	1.24E-03	4.08E-03	5.05E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.79E-10	4.79E-10	2.55E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.52E-02	2.12E-05	7.74E-05	1.51E-02	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.42E-02	3.38E-05	1.24E-04	2.41E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.27E-02	3.17E-05	1.16E-04	2.26E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	9.15E-02	7.79E-05	9.26E-04	9.05E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.46E-01	3.83E-04	1.01E-03	2.46E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	6.28E-06	1.06E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.39E-03	4.29E-06	8.10E-05	6.30E-03	0.00E+00	0.00E+00	0.00E+00
	Total	4.95E-01	6.68E-04	2.84E-03	4.92E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 10

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.78E-08	1.78E-08	9.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.16E-02	2.54E-05	8.35E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.20E-08	2.20E-08	2.52E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	5.16E-02	2.53E-05	8.34E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.22E-02	1.59E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.22E-02	1.58E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.07E-01	9.95E-05	3.61E-03	2.04E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.18E-01	1.02E-04	4.03E-03	2.14E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.19E-01	6.51E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.48E-01	8.36E-05	1.31E-03	1.46E-01	0.00E+00	0.00E+00	0.00E+00
	Total	8.61E-01	4.32E-04	1.30E-02	8.47E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.33E-08	1.33E-08	7.06E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.65E-08	1.65E-08	1.89E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.29E-01	6.61E-05	1.89E-03	1.27E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.02E-01	1.10E-04	2.27E-03	1.99E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
	Total	9.53E-01	5.16E-04	1.14E-02	9.41E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.84E-08	2.84E-08	1.51E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.47E-02	6.38E-06	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.53E-08	3.53E-08	4.04E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.47E-02	6.35E-06	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	9.21E-03	3.99E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	9.21E-03	3.97E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	7.22E-02	3.15E-05	1.54E-03	7.06E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	6.59E-02	2.85E-05	1.42E-03	6.44E-02	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.57E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.36E-02	2.74E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00
	Total	3.09E-01	1.34E-04	6.61E-03	3.02E-01	0.00E+00	0.00E+00

**Receptor: Man camp**  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.73E-13	4.73E-13	2.51E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.86E-13	5.86E-13	6.71E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.06E+00	4.34E-04	2.12E-03	1.06E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	1.87E+00	5.65E-04	1.39E-03	1.86E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.16E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	5.31E+00	1.27E-03	4.17E-03	5.31E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.58E-10	4.58E-10	2.44E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.68E-10	5.68E-10	6.51E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	9.15E-02	7.79E-05	9.26E-04	9.05E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.48E-01	3.83E-04	1.01E-03	2.46E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	6.28E-06	1.08E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	5.14E-01	6.93E-04	2.86E-03	5.10E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 11

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.70E-08	1.70E-08	8.03E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.29E-02	6.36E-06	2.09E-04	1.27E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.10E-08	2.10E-08	1.12E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.58E-02	1.27E-05	4.17E-04	2.54E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.22E-02	1.59E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.22E-02	1.58E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	5.19E-02	2.51E-05	8.03E-04	5.09E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	1.09E-01	5.10E-05	2.01E-03	1.07E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.19E-01	6.51E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.48E-01	8.36E-05	1.31E-03	1.46E-01	0.00E+00	0.00E+00	0.00E+00
	Total	5.31E-01	2.76E-04	7.25E-03	5.24E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.27E-08	1.27E-08	6.75E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.11E-02	1.13E-05	2.68E-04	2.08E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.57E-08	1.57E-08	8.37E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	4.22E-02	2.26E-05	5.36E-04	4.17E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.23E-02	1.66E-05	4.72E-04	3.18E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	1.01E-01	5.49E-05	1.13E-03	9.97E-02	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
	Total	6.49E-01	3.55E-04	7.50E-03	6.41E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.72E-08	2.72E-08	1.45E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	3.68E-03	1.63E-06	7.87E-05	3.60E-03	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.37E-08	3.37E-08	1.79E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.37E-03	3.18E-06	1.57E-04	7.21E-03	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	9.21E-03	3.89E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	9.21E-03	3.97E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.80E-02	8.21E-06	3.85E-04	1.76E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.29E-02	1.44E-05	7.10E-04	3.22E-02	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.57E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.36E-02	2.75E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00	0.00E+00
	Total	2.03E-01	8.87E-05	4.36E-03	1.99E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.52E-13	4.52E-13	2.40E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.78E-01	1.82E-05	4.87E-06	1.78E-01	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.60E-13	5.60E-13	2.98E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.56E-01	3.63E-05	9.74E-06	3.56E-01	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.64E-01	1.08E-04	5.31E-04	2.64E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	9.33E-01	2.83E-04	6.97E-04	9.32E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.16E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	2.70E+00	5.74E-04	1.85E-03	2.69E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.38E-10	4.38E-10	2.33E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.21E-02	1.69E-05	6.19E-05	1.20E-02	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.43E-10	5.43E-10	2.89E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.42E-02	3.38E-05	1.24E-04	2.41E-02	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.28E-02	1.95E-05	2.32E-04	2.26E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	1.24E-01	1.91E-04	5.06E-04	1.23E-01	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	6.28E-06	1.06E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	2.61E-01	3.58E-04	1.45E-03	2.59E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 12

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.62E-08	1.62E-08	8.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.94E-08	2.94E-08	2.65E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.01E-08	2.01E-08	1.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.33E-08	1.33E-08	2.87E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.20E-02	5.56E-06	2.22E-04	1.17E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	8.06E-03	3.98E-06	1.30E-04	7.92E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	3.87E-02	1.90E-05	6.26E-04	3.80E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.22E-02	1.59E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.07E-01	9.95E-05	3.61E-03	2.04E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.33E-07	3.33E-07	3.35E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.52E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.19E-01	6.51E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.48E-01	8.36E-05	1.31E-03	1.46E-01	0.00E+00	0.00E+00	0.00E+00
	Total	6.42E-01	3.28E-04	9.25E-03	6.33E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.21E-08	1.21E-08	6.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.20E-08	2.20E-08	1.98E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.50E-08	1.50E-08	8.00E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	9.94E-09	9.94E-09	2.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.01E-02	8.33E-06	4.49E-04	1.96E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.32E-02	7.08E-06	1.67E-04	1.30E-02	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	6.33E-02	3.39E-05	8.03E-04	6.25E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.29E-01	6.61E-05	1.89E-03	1.27E-01	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	6.31E-08	6.31E-08	6.36E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.27E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
	Total	7.53E-01	3.90E-04	1.06E-02	7.42E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.60E-08	2.60E-08	1.38E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.71E-08	4.71E-08	4.23E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.22E-08	3.22E-08	1.71E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.13E-08	2.13E-08	4.60E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	9.40E-02	4.90E-05	1.26E-03	9.27E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.30E-03	1.03E-06	4.92E-05	2.25E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.10E-02	4.75E-06	2.36E-04	1.08E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	9.21E-03	3.98E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	7.22E-02	3.15E-05	1.54E-03	7.06E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.51E-07	3.51E-07	3.53E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.57E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.36E-02	2.75E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00	0.00E+00
	Total	8.74E-01	4.37E-04	1.35E-02	8.60E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.32E-13	4.32E-13	2.30E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.82E-13	7.82E-13	7.04E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.36E-13	5.36E-13	2.85E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.54E-13	3.54E-13	7.64E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	5.84E-03	2.96E-06	1.45E-04	5.79E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.11E-01	1.14E-05	3.04E-06	1.11E-01	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	5.33E-01	5.45E-05	1.48E-05	5.33E-01	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.06E+00	4.34E-04	2.12E-03	1.06E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.69E-09	4.69E-09	4.73E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.88E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.16E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	2.27E+00	6.04E-04	3.83E-03	2.26E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.19E-10	4.19E-10	2.23E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.58E-10	7.58E-10	6.82E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.19E-10	5.19E-10	2.76E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.43E-10	3.43E-10	7.40E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.47E-03	8.98E-07	4.53E-05	2.42E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	7.58E-03	1.06E-05	3.87E-05	7.53E-03	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	3.64E-02	5.08E-05	1.86E-04	3.61E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	9.15E-02	7.79E-05	9.26E-04	9.05E-02	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.00E-09	4.00E-09	4.03E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.70E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	5.28E-06	1.06E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	2.01E-01	2.00E-04	1.86E-03	1.99E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 13

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.55E-08	1.55E-08	8.26E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.81E-08	2.81E-08	1.49E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.92E-08	1.92E-08	1.02E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.27E-08	1.27E-08	6.76E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.20E-02	5.56E-06	2.22E-04	1.17E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.18E-08	2.18E-08	1.83E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	5.16E-02	2.53E-05	8.34E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.22E-02	1.59E-05	5.21E-04	3.17E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.49E-07	3.49E-07	4.38E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.18E-07	3.18E-07	1.69E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.53E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.19E-01	6.51E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.48E-01	8.36E-05	1.31E-03	1.46E-01	0.00E+00	0.00E+00	0.00E+00
	Total	4.40E-01	2.31E-04	5.71E-03	4.34E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.16E-08	1.16E-08	6.17E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.10E-08	2.10E-08	1.12E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.44E-08	1.44E-08	7.65E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	9.50E-09	9.50E-09	5.05E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.01E-02	8.34E-06	4.49E-04	1.96E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.63E-08	1.63E-08	1.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.28E-02	2.83E-05	6.70E-04	5.21E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.14E-07	1.14E-07	1.43E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	6.04E-08	6.04E-08	3.21E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.28E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
	Total	6.32E-01	3.28E-04	8.83E-03	6.23E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.48E-08	2.48E-08	1.32E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.50E-08	4.50E-08	2.39E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.08E-08	3.08E-08	1.64E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.04E-08	2.04E-08	1.08E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	9.40E-02	4.90E-05	1.26E-03	9.27E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.48E-08	3.48E-08	2.94E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.47E-02	6.35E-06	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	9.21E-03	3.99E-06	1.97E-04	9.01E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	4.58E-07	4.58E-07	5.74E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.35E-07	3.35E-07	1.78E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.58E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.36E-02	2.76E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00	0.00E+00
	Total	8.03E-01	4.07E-04	1.20E-02	7.91E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.13E-13	4.13E-13	2.20E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.48E-13	7.48E-13	3.98E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	5.12E-13	5.12E-13	2.72E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.38E-13	3.38E-13	1.80E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	5.94E-03	2.97E-06	1.45E-04	5.79E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.79E-13	5.79E-13	4.88E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.45E-01	4.54E-05	1.22E-05	4.44E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.70E-08	1.70E-08	2.13E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.49E-09	4.49E-09	2.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.88E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.16E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	1.28E+00	1.78E-04	1.71E-03	1.27E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	4.00E-10	4.00E-10	2.13E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.25E-10	7.25E-10	3.86E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.96E-10	4.96E-10	2.64E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.28E-10	3.28E-10	1.74E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.47E-03	9.00E-07	4.53E-05	2.42E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.61E-10	5.61E-10	4.73E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.03E-02	4.23E-05	1.55E-04	3.01E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.84E-08	1.84E-08	2.31E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.83E-09	3.83E-09	2.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.71E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	6.28E-06	1.06E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	1.14E-01	1.28E-04	9.55E-04	1.13E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 14

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.48E-08	1.48E-08	7.89E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.69E-08	2.69E-08	1.43E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.84E-08	1.84E-08	9.78E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.22E-08	1.22E-08	6.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	5.98E-03	2.79E-06	1.11E-04	5.87E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.78E-03	8.26E-07	3.30E-05	1.74E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.98E-03	2.78E-06	1.11E-04	5.87E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.08E-08	2.08E-08	1.11E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	5.16E-02	2.64E-05	8.34E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.42E-02	1.19E-05	3.91E-04	2.38E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.58E-02	1.27E-05	4.17E-04	2.54E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.34E-07	3.34E-07	1.78E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.04E-07	3.04E-07	1.62E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.53E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	4.87E-02	2.18E-05	8.58E-04	4.58E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.18E-01	6.51E-05	1.35E-03	1.18E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.48E-01	8.38E-05	1.31E-03	1.48E-01	0.00E+00	0.00E+00	0.00E+00
Total		5.08E-01	2.63E-04	6.89E-03	4.99E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.11E-08	1.11E-08	5.80E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.01E-08	2.01E-08	1.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.38E-08	1.38E-08	7.32E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	9.09E-09	9.09E-09	4.83E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.00E-02	4.19E-06	2.24E-04	9.80E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	2.88E-03	1.24E-06	6.67E-05	2.91E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.00E-02	4.16E-06	2.24E-04	9.80E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.56E-08	1.56E-08	8.27E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.96E-02	2.12E-05	5.02E-04	3.91E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	4.22E-02	2.26E-05	5.36E-04	4.17E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.09E-07	1.09E-07	5.82E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	5.77E-08	5.77E-08	3.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.29E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	6.72E-02	2.79E-05	1.51E-03	6.57E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.31E-01	7.55E-05	1.22E-03	1.30E-01	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
Total		7.31E-01	3.73E-04	1.08E-02	7.20E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.38E-08	2.38E-08	1.26E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.30E-08	4.30E-08	2.29E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.95E-08	2.95E-08	1.57E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.95E-08	1.95E-08	1.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	4.70E-02	2.45E-05	6.32E-04	4.64E-02	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.40E-02	7.29E-06	1.88E-04	1.38E-02	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	4.70E-02	2.45E-05	6.32E-04	4.64E-02	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.33E-08	3.33E-08	1.77E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.47E-02	6.36E-06	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	6.91E-03	3.00E-06	1.48E-04	6.76E-03	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	7.37E-03	3.17E-06	1.57E-04	7.21E-03	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	4.38E-07	4.38E-07	2.33E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.21E-07	3.21E-07	1.70E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	2.04E-01	1.01E-04	3.18E-03	2.00E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.95E-02	2.58E-05	1.28E-03	5.82E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.35E-02	2.76E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00	0.00E+00
	Total	1.03E+00	5.17E-04	1.54E-02	1.01E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Man camp

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.95E-13	3.95E-13	2.10E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	7.15E-13	7.15E-13	3.80E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.89E-13	4.89E-13	2.60E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.23E-13	3.23E-13	1.72E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.97E-03	1.49E-06	7.24E-05	2.90E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	8.83E-04	4.41E-07	2.15E-05	8.61E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.97E-03	1.48E-06	7.24E-05	2.90E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.54E-13	5.54E-13	2.94E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.33E-01	3.41E-05	9.13E-06	3.33E-01	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.56E-01	3.63E-05	9.74E-06	3.56E-01	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.62E-08	1.62E-08	8.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.29E-09	4.29E-09	2.28E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.89E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	2.03E-02	1.01E-05	4.97E-04	1.98E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.03E-02	1.95E-05	2.71E-04	4.00E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.16E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	1.54E+00	2.13E-04	2.23E-03	1.54E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: CBM Worker

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.83E-10	3.83E-10	2.04E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.93E-10	6.93E-10	3.69E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.74E-10	4.74E-10	2.52E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.13E-10	3.13E-10	1.67E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.23E-03	4.51E-07	2.26E-05	1.21E-03	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	3.66E-04	1.34E-07	6.73E-06	3.60E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.23E-03	4.49E-07	2.26E-05	1.21E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.37E-10	5.37E-10	2.85E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.27E-02	3.17E-05	1.16E-04	2.26E-02	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.42E-02	3.36E-05	1.24E-04	2.41E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.76E-08	1.76E-08	8.35E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.66E-09	3.66E-09	1.95E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.71E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	8.34E-03	3.03E-06	1.54E-04	8.18E-03	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	8.77E-03	6.28E-06	1.06E-04	8.66E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	1.40E-01	1.55E-04	1.20E-03	1.38E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 15

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.42E-08	1.42E-08	7.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.57E-08	2.57E-08	1.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.76E-08	1.76E-08	9.35E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.16E-08	1.16E-08	6.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	8.62E-09	8.62E-09	1.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	3.56E-03	1.65E-06	6.60E-05	3.49E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.20E-02	5.56E-06	2.22E-04	1.17E-02	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.99E-08	1.99E-08	1.06E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.28E-02	6.35E-06	2.09E-04	1.27E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.14E-08	2.14E-08	3.17E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	5.16E-02	2.53E-05	8.34E-04	5.07E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.19E-07	3.19E-07	1.70E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.91E-07	2.91E-07	1.55E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.53E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	9.33E-02	4.37E-05	1.72E-03	9.15E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.98E-02	1.63E-05	3.37E-04	2.95E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.46E-01	8.36E-05	1.31E-03	1.46E-01	0.00E+00	0.00E+00	0.00E+00
Total		4.28E-01	2.19E-04	6.17E-03	4.22E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.06E-08	1.06E-08	5.64E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.92E-08	1.92E-08	1.02E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.31E-08	1.31E-08	6.98E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	8.69E-09	8.69E-09	4.62E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	3.03E-08	3.03E-08	5.60E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	5.96E-03	2.48E-06	1.33E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.01E-02	8.34E-06	4.49E-04	1.96E-02	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.48E-08	1.48E-08	7.81E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	2.11E-02	1.13E-05	2.68E-04	2.08E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.60E-08	1.60E-08	2.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	8.44E-02	4.52E-05	1.07E-03	8.33E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.05E-07	1.05E-07	5.56E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	5.52E-08	5.52E-08	2.94E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.30E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.34E-01	5.59E-05	3.01E-03	1.31E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.28E-02	1.89E-05	3.05E-04	3.25E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.16E-01	1.18E-04	2.54E-03	2.13E-01	0.00E+00	0.00E+00	0.00E+00
Total		6.42E-01	3.13E-04	1.07E-02	6.31E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.27E-08	2.27E-08	1.21E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	4.11E-08	4.11E-08	2.19E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.82E-08	2.82E-08	1.50E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.86E-08	1.86E-08	9.69E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.70E-08	1.70E-08	3.14E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	2.80E-02	1.46E-05	3.76E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	9.40E-02	4.90E-05	1.26E-03	9.27E-02	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.18E-08	3.18E-08	1.69E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	3.68E-03	1.61E-06	7.87E-05	3.60E-03	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.43E-08	3.43E-08	5.07E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	1.47E-02	6.35E-06	3.15E-04	1.44E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	4.19E-07	4.19E-07	2.23E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.06E-07	3.06E-07	1.63E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	4.07E-01	2.01E-04	6.36E-03	4.01E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.49E-02	6.72E-06	3.19E-04	1.45E-02	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	6.35E-02	2.77E-05	1.35E-03	6.22E-02	0.00E+00	0.00E+00	0.00E+00
	Total	1.19E+00	6.01E-04	1.76E-02	1.17E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.78E-13	3.78E-13	2.01E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.84E-13	6.84E-13	3.64E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.68E-13	4.68E-13	2.49E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.09E-13	3.09E-13	1.64E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	7.09E-09	7.09E-09	1.31E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.77E-03	8.81E-07	4.31E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.94E-03	2.96E-06	1.45E-04	5.79E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.29E-13	5.29E-13	2.82E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.78E-01	1.82E-05	4.87E-06	1.78E-01	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.70E-13	5.70E-13	8.43E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	7.11E-01	7.27E-05	1.95E-05	7.11E-01	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.55E-08	1.55E-08	8.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.10E-09	4.10E-09	2.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.89E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	4.05E-02	2.02E-05	9.94E-04	3.95E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	1.01E-02	4.88E-06	6.77E-05	9.99E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.71E-02	1.82E-05	3.18E-04	3.67E-02	0.00E+00	0.00E+00	0.00E+00
	Total	1.02E+00	1.57E-04	2.53E-03	1.02E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.66E-10	3.66E-10	1.95E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.63E-10	6.63E-10	3.52E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.54E-10	4.54E-10	2.41E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	3.00E-10	3.00E-10	1.59E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.44E-09	2.44E-09	4.50E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	7.33E-04	2.67E-07	1.35E-05	7.19E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.47E-03	8.99E-07	4.53E-05	2.42E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.13E-10	5.13E-10	2.73E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.21E-02	1.69E-05	6.16E-05	1.20E-02	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.52E-10	5.52E-10	8.17E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	4.85E-02	6.77E-05	2.48E-04	4.82E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.68E-08	1.68E-08	8.94E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.50E-09	3.50E-09	1.86E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.72E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.67E-02	6.07E-06	3.07E-04	1.64E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.19E-03	1.57E-06	2.64E-05	2.16E-03	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.51E-03	5.72E-06	1.08E-04	8.40E-03	0.00E+00	0.00E+00	0.00E+00
	Total	1.07E-01	1.05E-04	1.10E-03	1.06E-01	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 16

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.36E-08	1.36E-08	7.21E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.46E-08	2.46E-08	1.31E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.68E-06	1.68E-06	8.94E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.11E-08	1.11E-08	5.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	8.24E-09	8.24E-09	4.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	3.56E-03	1.85E-06	6.60E-05	3.49E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.98E-03	2.78E-06	1.11E-04	5.87E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.78E-03	8.28E-07	3.30E-05	1.74E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.90E-08	1.90E-08	1.01E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.93E-08	1.93E-08	2.11E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.05E-08	2.05E-08	1.09E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.58E-02	1.27E-05	4.17E-04	2.54E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.05E-07	3.05E-07	1.62E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.78E-07	2.78E-07	1.48E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.53E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	9.33E-02	4.37E-05	1.72E-03	9.15E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	5.11E-08	5.11E-08	3.83E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	7.39E-02	4.18E-05	6.56E-04	7.32E-02	0.00E+00	0.00E+00	0.00E+00
Total		2.81E-01	1.40E-04	4.47E-03	2.77E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.01E-08	1.01E-08	5.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.84E-08	1.84E-08	9.77E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.26E-08	1.26E-08	6.69E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	8.31E-09	8.31E-09	4.42E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.90E-08	2.90E-08	1.54E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	5.96E-03	2.48E-06	1.33E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.00E-02	4.18E-06	2.24E-04	9.80E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	2.98E-03	1.24E-06	6.67E-05	2.91E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.42E-08	1.42E-08	7.66E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.44E-08	1.44E-08	1.58E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.53E-08	1.53E-08	8.14E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	4.22E-02	2.26E-05	6.36E-04	4.17E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.00E-07	1.00E-07	5.32E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	5.28E-08	5.28E-08	2.81E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.30E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.34E-01	5.59E-05	3.01E-03	1.31E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.28E-08	3.28E-08	2.46E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.08E-01	5.90E-05	1.27E-03	1.07E-01	0.00E+00	0.00E+00	0.00E+00
Total		4.31E-01	1.89E-04	8.12E-03	4.23E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.17E-08	2.17E-08	1.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	3.93E-08	3.93E-08	2.09E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.69E-08	2.69E-08	1.43E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.78E-08	1.78E-08	9.48E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.63E-08	1.63E-08	8.66E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	2.80E-02	1.46E-05	3.76E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	4.70E-02	2.45E-05	6.32E-04	4.84E-02	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.40E-02	7.29E-06	1.88E-04	1.38E-02	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	3.04E-08	3.04E-08	1.62E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	3.09E-08	3.09E-08	3.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.28E-08	3.28E-08	1.74E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	7.37E-03	3.19E-06	1.57E-04	7.21E-03	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	4.00E-07	4.00E-07	2.13E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.93E-07	2.93E-07	1.56E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	4.07E-01	2.01E-04	6.36E-03	4.01E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.43E-07	3.43E-07	2.57E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.18E-02	1.40E-05	6.77E-04	3.11E-02	0.00E+00	0.00E+00	0.00E+00
Total		1.10E+00	5.59E-04	1.59E-02	1.08E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Man camp

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.61E-13	3.61E-13	1.92E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.54E-13	6.54E-13	3.48E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.47E-13	4.47E-13	2.38E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.96E-13	2.96E-13	1.57E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	6.78E-09	6.78E-09	3.60E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.77E-03	8.92E-07	4.31E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.97E-03	1.49E-05	7.24E-05	2.90E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	8.83E-04	4.41E-07	2.15E-05	8.61E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	5.06E-13	5.06E-13	2.69E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	5.13E-13	5.13E-13	5.61E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.45E-13	5.45E-13	2.90E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.56E-01	3.63E-05	9.74E-06	3.56E-01	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.48E-08	1.48E-08	7.89E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.92E-09	3.92E-09	2.09E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.89E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	4.05E-02	2.02E-05	9.94E-04	3.95E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	7.20E-09	7.20E-09	5.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	1.85E-02	9.09E-05	1.58E-04	1.84E-02	0.00E+00	0.00E+00	0.00E+00
Total		4.58E-01	8.74E-05	2.24E-03	4.56E-01	0.00E+00	0.00E+00	0.00E+00

## Receptor: CBM Worker

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.50E-10	3.50E-10	1.66E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.34E-10	6.34E-10	3.37E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.34E-10	4.34E-10	2.31E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.87E-10	2.87E-10	1.52E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.33E-09	2.33E-09	1.24E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	7.33E-04	2.68E-07	1.35E-05	7.19E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.23E-03	4.51E-07	2.26E-05	1.21E-03	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	3.66E-04	1.34E-07	6.73E-06	3.60E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.90E-10	4.90E-10	2.61E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.98E-10	4.98E-10	5.44E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.28E-10	5.28E-10	2.81E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.42E-02	3.38E-05	1.24E-04	2.41E-02	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.61E-08	1.61E-08	8.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.34E-09	3.34E-09	1.78E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.73E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.67E-02	6.07E-06	3.07E-04	1.64E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.01E-09	3.01E-09	2.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	4.26E-03	2.86E-06	5.40E-05	4.20E-03	0.00E+00	0.00E+00	0.00E+00
Total		6.34E-02	4.94E-05	8.21E-04	6.25E-02	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 17

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.30E-08	1.30E-08	6.90E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.35E-08	2.35E-08	1.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.61E-08	1.61E-08	8.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.06E-08	1.06E-08	5.65E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	7.88E-09	7.88E-09	4.19E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	3.56E-09	1.65E-06	6.60E-05	3.49E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	6.96E-09	6.96E-09	1.50E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	3.56E-09	1.65E-06	6.60E-05	3.49E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.82E-08	1.82E-08	9.67E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.84E-08	1.84E-08	9.81E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.96E-08	1.96E-08	1.04E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	1.33E-08	1.33E-08	2.87E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.92E-07	2.92E-07	1.55E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.66E-07	2.66E-07	1.41E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.54E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	9.33E-02	4.37E-05	1.72E-03	9.15E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.88E-08	4.88E-08	2.60E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.02E-08	3.02E-08	3.13E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	1.77E-01	8.32E-05	3.32E-03	1.74E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	9.70E-09	9.70E-09	5.16E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.76E-08	1.76E-08	9.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.20E-08	1.20E-08	6.39E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.94E-09	7.94E-09	4.22E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.77E-08	2.77E-08	1.47E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	5.96E-03	2.49E-06	1.33E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.45E-08	2.45E-08	5.26E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	5.96E-03	2.48E-06	1.33E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.36E-08	1.36E-08	7.23E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.38E-08	1.38E-08	7.33E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.46E-08	1.46E-08	7.76E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	9.94E-09	9.94E-09	2.15E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	9.56E-08	9.56E-08	5.08E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	5.04E-08	5.04E-08	2.68E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	6.31E-05	2.89E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.34E-01	5.60E-05	3.01E-03	1.31E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.14E-08	3.14E-08	1.67E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.75E-08	8.75E-08	9.05E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	2.74E-01	1.15E-04	6.16E-03	2.68E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	2.08E-08	2.08E-08	1.10E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	3.76E-08	3.76E-08	2.00E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.57E-08	2.57E-08	1.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.70E-08	1.70E-08	9.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.56E-08	1.56E-08	8.28E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	2.80E-02	1.46E-05	3.76E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.37E-08	1.37E-08	2.97E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	2.80E-02	1.46E-05	3.76E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.91E-08	2.91E-08	1.55E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	2.95E-08	2.95E-08	1.57E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.13E-08	3.13E-08	1.67E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.13E-08	2.13E-08	4.60E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.83E-07	3.83E-07	2.03E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.80E-07	2.80E-07	1.49E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	4.07E-01	2.01E-04	6.36E-03	4.01E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.28E-07	3.28E-07	1.74E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.95E-07	2.95E-07	3.05E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total		1.03E+00	5.25E-04	1.47E-02	1.01E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.45E-13	3.45E-13	1.84E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.25E-13	6.25E-13	3.32E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.28E-13	4.28E-13	2.28E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.83E-13	2.83E-13	1.50E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	6.48E-09	6.48E-09	3.45E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.77E-03	8.83E-07	4.31E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.72E-09	5.72E-09	1.23E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.77E-03	8.81E-07	4.31E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.84E-13	4.84E-13	2.57E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.91E-13	4.91E-13	2.61E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.21E-13	5.21E-13	2.77E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.54E-13	3.54E-13	7.64E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.42E-08	1.42E-08	7.54E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.75E-09	3.75E-09	1.99E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.89E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	4.05E-02	2.03E-05	9.94E-04	3.95E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	6.88E-09	6.88E-09	3.66E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.10E-09	8.10E-09	8.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total		8.18E-02	4.10E-05	2.02E-03	7.97E-02	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.35E-10	3.35E-10	1.78E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	6.06E-10	6.06E-10	3.22E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.15E-10	4.15E-10	2.21E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.74E-10	2.74E-10	1.46E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.23E-09	2.23E-09	1.19E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	7.33E-04	2.68E-07	1.35E-05	7.19E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.97E-09	1.97E-09	4.25E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	7.33E-04	2.67E-07	1.35E-05	7.19E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.69E-10	4.69E-10	2.49E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.76E-10	4.76E-10	2.53E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	5.05E-10	5.05E-10	2.68E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.43E-10	3.43E-10	7.40E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.54E-08	1.54E-08	8.17E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.20E-09	3.20E-09	1.70E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.73E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.67E-02	6.08E-06	3.07E-04	1.64E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.87E-09	2.87E-09	1.53E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	3.06E-09	3.06E-09	3.16E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total		3.40E-02	1.24E-05	6.28E-04	3.34E-02	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 18

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.24E-08	1.24E-08	6.59E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.24E-08	2.24E-08	1.19E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.54E-08	1.54E-08	8.17E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.02E-08	1.02E-08	5.40E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	7.53E-09	7.53E-09	4.01E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	3.56E-03	1.66E-06	6.60E-05	3.49E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	6.65E-09	6.65E-09	3.54E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	8.89E-04	4.15E-07	1.65E-05	8.72E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.74E-08	1.74E-08	9.24E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.76E-08	1.76E-08	9.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.87E-08	1.87E-08	9.95E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	1.27E-08	1.27E-08	6.76E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.79E-07	2.79E-07	1.48E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.54E-07	2.54E-07	1.35E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	7.69E-02	3.54E-05	1.47E-03	7.54E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	2.33E-02	1.10E-05	4.26E-04	2.29E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.67E-08	4.67E-08	2.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.89E-08	2.89E-08	1.54E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total		1.05E-01	4.92E-05	1.98E-03	1.03E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	9.27E-09	9.27E-09	4.93E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.68E-08	1.68E-08	8.93E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.15E-08	1.15E-08	6.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.59E-09	7.59E-09	4.04E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.65E-08	2.65E-08	1.41E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	5.96E-03	2.49E-06	1.33E-04	5.83E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.34E-08	2.34E-08	1.24E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.49E-03	6.25E-07	3.33E-05	1.46E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.30E-08	1.30E-08	6.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.32E-08	1.32E-08	7.01E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.40E-08	1.40E-08	7.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	9.50E-09	9.50E-09	5.05E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	9.14E-08	9.14E-08	4.88E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.82E-08	4.82E-08	2.58E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.28E-01	5.32E-05	2.88E-03	1.25E-01	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	3.36E-02	1.43E-05	7.53E-04	3.28E-02	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.00E-08	3.00E-08	1.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	8.36E-08	8.36E-08	4.45E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total		1.69E-01	7.10E-05	3.80E-03	1.65E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.98E-08	1.98E-08	1.06E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	3.59E-08	3.59E-08	1.91E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.46E-08	2.46E-08	1.31E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.63E-08	1.63E-08	8.65E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.49E-08	1.49E-08	7.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	2.80E-02	1.46E-05	3.76E-04	2.76E-02	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.31E-08	1.31E-08	6.99E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	6.99E-03	3.65E-06	9.39E-05	6.89E-03	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.78E-08	2.78E-08	1.48E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	2.82E-08	2.82E-08	1.50E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	3.00E-08	3.00E-08	1.59E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	2.04E-08	2.04E-08	1.08E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.66E-07	3.66E-07	1.95E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.68E-07	2.68E-07	1.42E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	5.62E-01	2.93E-04	7.56E-03	5.54E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	1.02E-01	5.05E-05	1.59E-03	1.00E-01	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	3.13E-07	3.13E-07	1.67E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.82E-07	2.82E-07	1.50E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	6.99E-01	3.63E-04	9.62E-03	6.89E-01	0.00E+00	0.00E+00	0.00E+00

## Receptor: Man camp

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.30E-13	3.30E-13	1.75E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.97E-13	5.97E-13	3.18E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	4.09E-13	4.09E-13	2.18E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.70E-13	2.70E-13	1.44E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	6.19E-09	6.19E-09	3.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.77E-03	8.84E-07	4.31E-05	1.72E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.47E-09	5.47E-09	2.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	4.42E-04	2.22E-07	1.09E-05	4.31E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.63E-13	4.63E-13	2.46E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.69E-13	4.69E-13	2.50E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.98E-13	4.98E-13	2.65E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.38E-13	3.38E-13	1.80E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.36E-08	1.35E-08	7.21E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.58E-09	3.58E-09	1.91E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.77E-02	1.89E-05	9.43E-04	3.68E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	1.01E-02	5.13E-06	2.48E-04	9.68E-03	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	6.58E-08	6.58E-09	3.50E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	7.75E-09	7.75E-09	4.12E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	5.01E-02	2.52E-05	1.25E-03	4.88E-02	0.00E+00	0.00E+00	0.00E+00

## Receptor: CBM Worker

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.20E-10	3.20E-10	1.70E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.78E-10	5.79E-10	3.08E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.96E-10	3.96E-10	2.11E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.62E-10	2.62E-10	1.39E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.13E-09	2.13E-09	1.13E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	7.33E-04	2.68E-07	1.35E-05	7.19E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.88E-09	1.86E-09	1.00E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.83E-04	6.72E-08	3.36E-06	1.80E-04	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.48E-10	4.48E-10	2.38E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.55E-10	4.55E-10	2.42E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.83E-10	4.83E-10	2.57E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.28E-10	3.28E-10	1.74E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.47E-08	1.47E-08	7.81E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.06E-09	3.06E-09	1.63E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.58E-02	5.74E-06	2.93E-04	1.55E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	4.17E-03	1.54E-06	7.68E-05	4.09E-03	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.75E-09	2.75E-09	1.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.92E-09	2.92E-09	1.56E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	2.09E-02	7.65E-06	3.87E-04	2.05E-02	0.00E+00	0.00E+00	0.00E+00

## Individual Receptor Pathway Doses : Time Step 19

(Return to Table of Contents)

Receptor: T-Chair

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.19E-09	1.18E-08	6.30E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	2.15E-08	2.15E-08	1.14E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.47E-08	1.47E-08	7.81E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	9.71E-09	9.71E-09	5.16E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	7.20E-09	7.20E-09	3.83E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	8.69E-04	4.18E-07	1.65E-05	8.72E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	6.36E-09	6.36E-09	3.38E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.80E-09	1.80E-09	2.64E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.66E-08	1.66E-08	8.84E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.69E-08	1.69E-08	8.96E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.79E-08	1.79E-08	9.51E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	1.22E-08	1.22E-08	6.46E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	2.67E-07	2.67E-07	1.42E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.43E-07	2.43E-07	1.29E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.92E-02	8.98E-06	3.68E-04	1.89E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	9.07E-08	9.07E-08	8.96E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	4.46E-08	4.46E-08	2.37E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.76E-08	2.76E-08	1.47E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	2.01E-02	1.02E-05	3.85E-04	1.97E-02	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	8.66E-09	8.66E-09	4.71E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	1.60E-08	1.60E-08	8.54E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	1.10E-08	1.10E-08	5.84E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	7.26E-09	7.26E-09	3.86E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.53E-08	2.53E-08	1.35E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.49E-03	6.35E-07	3.33E-05	1.46E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	2.24E-08	2.24E-08	1.19E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	6.33E-09	6.33E-09	9.29E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	1.24E-08	1.24E-08	6.61E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	1.26E-08	1.26E-08	6.70E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	1.34E-08	1.34E-08	7.11E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	9.09E-09	9.09E-09	4.83E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	8.74E-08	8.74E-08	4.65E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	4.61E-08	4.61E-08	2.45E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.19E-02	1.38E-05	7.21E-04	3.12E-02	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	3.19E-07	3.19E-07	3.15E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.87E-08	2.87E-08	1.52E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	7.99E-08	7.99E-08	4.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	3.34E-02	1.51E-05	7.54E-04	3.26E-02	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	1.90E-08	1.90E-08	1.01E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	3.44E-08	3.44E-08	1.83E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	2.35E-08	2.35E-08	1.25E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	1.55E-08	1.55E-08	8.27E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	1.42E-08	1.42E-08	7.57E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	6.99E-03	3.65E-06	9.39E-05	6.89E-03	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.26E-08	1.26E-08	6.68E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	3.55E-09	3.55E-09	5.21E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	2.66E-08	2.66E-08	1.42E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	2.70E-08	2.70E-08	1.44E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	2.86E-08	2.86E-08	1.52E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	1.95E-08	1.95E-08	1.03E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	3.50E-07	3.50E-07	1.86E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.56E-07	2.56E-07	1.36E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	1.41E-01	7.35E-05	1.89E-03	1.39E-01	0.00E+00	0.00E+00	0.00E+00

16	Hank PA2 wellfield leak	1.57E-07	1.57E-07	1.55E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.99E-07	2.99E-07	1.59E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.69E-07	2.69E-07	1.43E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	1.48E-01	7.87E-05	1.98E-03	1.45E-01	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.15E-13	3.15E-13	1.68E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.71E-13	5.71E-13	3.04E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.91E-13	3.91E-13	2.08E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.58E-13	2.58E-13	1.37E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	5.92E-09	5.92E-09	3.15E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	4.42E-04	2.24E-07	1.08E-05	4.31E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	5.23E-09	5.23E-09	2.78E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	1.48E-09	1.48E-09	2.17E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.42E-13	4.42E-13	2.35E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.49E-13	4.49E-13	2.39E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.76E-13	4.76E-13	2.53E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.23E-13	3.23E-13	1.72E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.30E-08	1.30E-08	6.89E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	3.43E-09	3.43E-09	1.82E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	9.43E-03	4.84E-06	2.38E-04	9.19E-03	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	7.56E-08	7.56E-08	7.47E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	6.29E-09	6.29E-09	3.34E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	7.41E-09	7.41E-09	3.94E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	9.88E-03	5.18E-06	2.45E-04	9.62E-03	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker  
Doses are in mrem

No.	SRC	Total	Groundshine	Cloudshine	Inhalation	IngestVeg	IngestMeat	IngestMilk
1	Nichols Ranch PA1 Product Bleed	3.08E-10	3.08E-10	1.63E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	Nichols Ranch PA1 Restore Bleed	5.54E-10	5.54E-10	2.94E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	Nichols Ranch PA2 Product Bleed	3.79E-10	3.79E-10	2.02E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	Nichols Ranch PA2 Restore Bleed	2.50E-10	2.50E-10	1.33E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	Hank PA1 Product Bleed	2.04E-09	2.04E-09	1.08E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	Hank PA1 Restore Bleed	1.83E-04	6.81E-08	3.36E-06	1.60E-04	0.00E+00	0.00E+00	0.00E+00
7	Hank PA2 Product Bleed	1.80E-09	1.80E-09	9.57E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	Hank PA2 Restore Bleed	5.09E-10	5.09E-10	7.46E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	Jane Dough PA1 Product Bleed	4.29E-10	4.29E-10	2.28E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	Jane Dough PA1 Restore Bleed	4.35E-10	4.35E-10	2.31E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	Jane Dough PA2 Product Bleed	4.61E-10	4.61E-10	2.45E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	Jane Dough PA2 Restore Bleed	3.13E-10	3.13E-10	1.67E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	Nichols Ranch PA1 wellfield leak	1.40E-08	1.40E-08	7.47E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	Nichols Ranch PA2 wellfield leak	2.92E-09	2.92E-09	1.55E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	Hank PA1 wellfield leak	3.96E-03	1.47E-06	7.33E-05	3.89E-03	0.00E+00	0.00E+00	0.00E+00
16	Hank PA2 wellfield leak	2.59E-08	2.59E-08	2.56E-15	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	Jane Dough PA1 wellfield leak	2.63E-09	2.63E-09	1.40E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	Jane Dough PA2 wellfield leak	2.80E-09	2.80E-09	1.49E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Total	4.15E-03	1.60E-06	7.67E-05	4.07E-03	0.00E+00	0.00E+00	0.00E+00

## 40CFR190 Organ Doses

[\(Return to Table of Contents\)](#)

### 40CFR190 Organ Doses: Time Step 1

Receptor: T-Chair  
Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 2****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## 40CFR190 Organ Doses: Time Step 3

Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 4****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney

Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### 40CFR190 Organ Doses: Time Step 5

Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### 40CFR190 Organ Doses: Time Step 6

Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Pumpkin Butte

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: CBM Worker

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## 40CFR190 Organ Doses: Time Step 7

## Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

## Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney

Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 8****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 9****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 10****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### 40CFR190 Organ Doses: Time Step 11

##### Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

##### Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

##### Receptor: Pumpkin Butte

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

##### Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

##### Receptor: CBM Worker

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### 40CFR190 Organ Doses: Time Step 12

##### Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 13****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Test

Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 14****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 15****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 16****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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#### 40CFR190 Organ Doses: Time Step 17

Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Dry Fork

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Pumpkin Butte

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: Man camp

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Receptor: CBM Worker

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

#### 40CFR190 Organ Doses: Time Step 18

Receptor: T-Chair

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**40CFR190 Organ Doses: Time Step 19****Receptor: T-Chair**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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**Receptor: Pumpkin Butte**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Man camp**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: CBM Worker**

Doses are in mrem

Pathway	Effective	Bone	Lung	Liver	Kidney
Cloudshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Groundshine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Inhalation	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Meat Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Milk Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Plant Ingestion	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Effluent Concentration Limit (ECL) By Receptor Location**

(Return to Table of Contents)

(Ratio of Calculated Air Concentration with ECL)

**ECL Ratios: Time Step 1****Receptor: T-Chair**

ECL ratios are unitless

Source	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210	Rn-222	Th-232	Th-228	Ra-228	Rn-220
Nichols Ranch PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nichols Ranch PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nichols Ranch PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nichols Ranch PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA1 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA1 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA2 Product Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA2 Restore Bleed	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nichols Ranch PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nichols Ranch PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hank PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA1 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Jane Dough PA2 wellfield leak	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00

**Receptor: Dry Fork**

ECL ratios are unitless

Source	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210	Rn-222	Th-232	Th-228	Ra-228	Rn-220

Receptor: CBM Worker

