Table D.41. RGOs for the Soils OU SWMUs

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	1	Cesium-137	5.91E-01	6.90E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	Neptunium-237	4.02E-01	1.50E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	Thorium-230	4.40E+01	3.20E-06	1.38E+01	1.38E+02	1.38E+03	n/a	n/a	n/a	n/a	pCi/g
1	1	Uranium-238	1.97E+00	1.20E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
1	2	Chromium	2.01E+02	6.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	PCB, Total	3.21E+01	1.70E-04	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	PCB, Total	2.17E-01	1.20E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	Uranium-238	1.73E+00	1.00E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
1	4	Chromium	9.30E+01	3.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
1	5	PCB, Total	2.70E-01	1.40E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
1	5	Total PAH	9.83E-02	1.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
99B	1	Chromium	5.51E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	1	Chromium	3.87E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Chromium	5.96E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	3	Arsenic	1.46E+01	1.50E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	3	Chromium	3.90E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Chromium	4.84E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Total PAH	7.30E-02	1.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	4	Uranium-238	1.73E+00	1.00E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
194	5	Chromium	4.58E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	6	Chromium	3.70E+01	1.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	7	Chromium	5.32E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Chromium	5.36E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Total PAH	4.85E-01	8.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	9	Arsenic	1.14E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	9	Chromium	5.17E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Arsenic	1.22E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	10	Cesium-137	5.81E-01	6.70E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
194	10	Chromium	3.63E+01	1.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Total PAH	2.57E-01	4.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	11	Chromium	3.27E+01	1.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	11	Total PAH	7.95E-02	1.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	12	Chromium	6.34E+01	2.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	12	Total PAH	8.91E-01	1.50E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	13	Chromium	4.77E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	13	Total PAH	9.13E-02	1.50E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	14	Chromium	5.21E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	15	Chromium	5.33E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	16	Arsenic	1.15E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	16	Chromium	5.32E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Arsenic	1.16E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	17	Chromium	4.65E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Total PAH	1.59E-01	2.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
194	18	Arsenic	1.06E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	18	Chromium	6.85E+01	2.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	19	Arsenic	1.07E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	19	Chromium	4.84E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Arsenic	1.18E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	20	Chromium	5.24E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	21	Chromium	5.51E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	Chromium	4.90E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	PCB, Total	1.09E+01	5.80E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
194	23	Arsenic	1.16E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	23	Chromium	6.60E+01	2.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Chromium	5.02E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	25	Chromium	6.13E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	26	Chromium	4.18E+01	1.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	27	Chromium	5.22E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Arsenic	1.20E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
194	28	Chromium	6.07E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	29	Chromium	5.06E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	30	Chromium	5.66E+01	1.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
194	31	Cesium-137	5.70E-01	6.60E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
194	31	Uranium-238	1.72E+00	1.00E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
196	1	Neptunium-237	3.11E-01	1.10E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
196	2	PCB, Total	1.51E+00	8.00E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
196	2	Total PAH	6.80E-01	1.10E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
196	2	Uranium-238	2.21E+00	1.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
489	1	Chromium	4.16E+01	1.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
489	1	Total PAH	8.22E-02	1.40E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Arsenic	4.68E+01	4.70E-05	9.97E-01	9.97E+00	9.97E+01	<1	n/a	n/a	n/a	mg/kg
531	1	Chromium	5.05E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
531	1	Uranium-238	3.48E+00	2.00E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
200	1	Cesium-137	5.74E-01	6.70E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
200	1	Chromium	5.75E+01	1.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
200	1	PCB, Total	2.60E+00	1.40E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
200	1	Uranium-238	3.58E+00	2.10E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Arsenic	1.44E+01	1.40E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
212	1	Cesium-137	6.01E-01	7.00E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	Chromium	3.58E+01	1.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
212	1	Neptunium-237	4.00E+00	1.50E-05	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
212	1	Thorium-230	2.60E+02	1.90E-05	1.38E+01	1.38E+02	1.38E+03	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-238	3.17E+00	1.90E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
213	1	Chromium	4.78E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
213	1	Total PAH	1.72E-01	2.90E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	Uranium-238	2.33E+00	1.40E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
213	2	Chromium	4.48E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Chromium	5.73E+01	1.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Total PAH	8.09E-02	1.40E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Total PAH	1.49E-01	2.50E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
217	1	Chromium	8.58E+01	2.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Arsenic	1.12E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
217	2	Chromium	1.02E+02	3.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Total PAH	5.05E-01	8.50E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Chromium	7.01E+01	2.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
221	1	PCB, Total	5.00E-01	2.70E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
221	1	Total PAH	1.02E+00	1.70E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Uranium-238	1.93E+00	1.10E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Chromium	4.73E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	PCB, Total	1.40E+00	7.50E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
222	1	Total PAH	1.77E-01	3.00E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
222	1	Uranium-235	7.10E-01	1.80E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-238	1.96E+01	1.20E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Cesium-137	1.90E-01	2.20E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	Chromium	4.71E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
227	1	Neptunium-237	9.05E-01	3.30E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	PCB, Total	4.14E+00	2.20E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
227	1	Total PAH	3.38E-01	5.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Uranium-235	1.49E+00	3.80E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-238	4.63E+01	2.70E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
227	2	Chromium	5.63E+01	1.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
227	2	PCB, Total	5.82E+00	3.10E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
227	2	Total PAH	1.16E-01	2.00E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
228	1	Chromium	1.89E+02	6.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
228	1	Neptunium-237	8.00E-01	3.00E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
228	1	Total PAH	6.69E-02	1.10E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
228	1	Uranium-238	3.77E+00	2.20E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
76	1	PCB, Total	2.60E-01	1.40E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
76	1	Total PAH	1.76E+00	3.00E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Arsenic	6.35E+01	6.40E-05	9.97E-01	9.97E+00	9.97E+01	<1	n/a	n/a	n/a	mg/kg
165	1	Cesium-137	3.47E+00	4.00E-05	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	Chromium	3.74E+01	1.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
165	1	Neptunium-237	4.26E-01	1.60E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	PCB, Total	8.27E+00	4.40E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
165	1	Total PAH	1.87E+00	3.20E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Uranium-234	5.76E+01	3.00E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-235	2.05E+00	5.20E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-238	6.41E+01	3.80E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
158	1	Arsenic	1.01E+01	1.00E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
158	1	Chromium	6.07E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
158	1	Total PAH	3.69E-01	6.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
158	1	Uranium-238	3.79E+00	2.20E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Arsenic	2.03E+01	2.00E-05	9.97E-01	9.97E+00	9.97E+01	<1	n/a	n/a	n/a	mg/kg
169	1	Chromium	2.15E+02	7.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
169	1	PCB, Total	1.00E+01	5.30E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
169	1	Total PAH	4.59E+00	7.70E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Uranium-235	4.60E-01	1.20E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-238	8.12E+00	4.80E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
19	1	Total PAH	5.23E+00	8.80E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Arsenic	1.06E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Chromium	5.39E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	PCB, Total	5.00E-01	2.70E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Total PAH	9.74E-02	1.60E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.48E+01	7.50E-05	9.97E-01	9.97E+00	9.97E+01	0.5	1.59E+01	1.59E+02	4.76E+02	mg/kg
180	1	Chromium	5.54E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
180	2	Arsenic	1.27E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
180	2	Chromium	4.46E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
180	2	Total PAH	9.19E-02	1.60E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
180	3	Arsenic	1.34E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
180	3	Chromium	4.69E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
180	4	Arsenic	1.15E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
180	4	Chromium	6.00E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	1	Chromium	6.33E+01	2.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Chromium	4.52E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	3	Chromium	5.03E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	4	Chromium	5.29E+01	1.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Chromium	5.74E+01	1.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Chromium	4.45E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Total PAH	2.48E-01	4.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
195	7	Chromium	4.93E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Arsenic	1.16E+01	1.20E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
195	8	Chromium	6.79E+01	2.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Total PAH	2.16E-01	3.60E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
195	9	Chromium	6.08E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	10	Chromium	4.51E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Arsenic	1.35E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
195	11	Chromium	5.05E+01	1.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	12	Chromium	7.04E+01	2.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	13	Chromium	6.55E+01	2.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
195	14	Chromium	5.94E+01	2.00E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	15	Chromium	4.82E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	16	Chromium	4.45E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	Chromium	8.22E+01	2.70E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	PCB, Total	7.40E-01	3.90E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
195	17	Total PAH	3.16E-01	5.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Uranium-238	2.48E+00	1.50E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
486	1	Cesium-137	1.71E+00	2.00E-05	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
487	1	Cesium-137	1.38E+00	1.60E-05	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
492	1	Arsenic	1.47E+01	1.50E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
492	1	Chromium	1.04E+03	3.40E-05	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	PCB, Total	4.41E+01	2.30E-04	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium-234	5.39E+01	2.80E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-235	5.72E+00	1.40E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-238	3.83E+02	2.30E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
493	1	Chromium	6.61E+01	2.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
493	1	PCB, Total	2.60E-01	1.40E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
493	1	Total PAH	5.00E-01	8.40E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Uranium-238	5.50E+00	3.20E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
517	1	Chromium	4.91E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
517	1	Neptunium-237	1.07E+00	3.90E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
517	1	PCB, Total	5.00E-01	2.70E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
517	1	Uranium-238	3.89E+00	2.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Cesium-137	9.58E-01	1.10E-05	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
541	1	Chromium	8.24E+02	2.70E-05	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	PCB, Total	6.06E+01	3.20E-04	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
541	1	Total PAH	2.33E+00	3.90E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	6.38E+03	<1.0E-06	n/a	n/a	n/a	1.1	6.00E+02	6.00E+03	1.80E+04	mg/kg
541	1	Uranium-234	1.43E+02	7.50E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-235	1.76E+01	4.40E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-238	1.00E+03	5.90E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Arsenic	1.66E+01	1.70E-05	9.97E-01	9.97E+00	9.97E+01	<1	n/a	n/a	n/a	mg/kg
561	1	Chromium	8.58E+01	2.80E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
561	1	PCB, Total	1.04E+00	5.60E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
561	1	Total PAH	3.94E-01	6.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Uranium-235	1.37E+00	3.50E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.07E+02	6.30E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Arsenic	1.30E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
561	2	Cesium-137	4.09E-01	4.70E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
561	2	Chromium	2.88E+02	9.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	PCB, Total	1.64E+01	8.70E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
561	2	Total PAH	2.43E+00	4.10E-05	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium-234	4.06E+01	2.10E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-235	7.09E+00	1.80E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-238	4.00E+02	2.40E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	1	Uranium-238	2.73E+00	1.60E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	PCB, Total	1.58E+00	8.40E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
562	2	Uranium-234	5.34E+01	2.80E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-235	8.96E+00	2.30E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	3.40E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	3	Chromium	3.82E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
562	3	PCB, Total	2.40E-01	1.30E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
562	3	Total PAH	2.20E-01	3.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Uranium-238	1.09E+01	6.40E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	4	Chromium	4.67E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
562	4	Uranium-238	2.24E+00	1.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Chromium	1.53E+02	5.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
562	5	PCB, Total	9.50E-01	5.10E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
562	5	Total PAH	7.05E-02	1.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Uranium-235	9.50E-01	2.40E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-238	6.24E+01	3.70E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-234	4.01E+01	2.10E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-235	6.81E+00	1.70E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	2.10E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
563	1	Chromium	2.85E+02	9.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
563	1	PCB, Total	7.40E-01	3.90E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
563	1	Uranium-238	2.76E+00	1.60E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
563	2	Cesium-137	6.47E-01	7.50E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
564	1	Arsenic	4.30E+01	4.30E-05	9.97E-01	9.97E+00	9.97E+01	<1	n/a	n/a	n/a	mg/kg
564	1	Cesium-137	6.20E-01	7.20E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
564	1	Chromium	7.49E+01	2.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
564	1	PCB, Total	1.93E+00	1.00E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
564	1	Uranium-238	8.33E+00	4.90E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
567	3	Chromium	3.79E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	1	Arsenic	1.10E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	1	Chromium	6.36E+01	2.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	1	PCB, Total	5.00E-01	2.70E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	1	Technetium-99	4.06E+02	1.10E-06	3.61E+02	3.61E+03	3.61E+04	n/a	n/a	n/a	n/a	pCi/g
14	2	Arsenic	1.45E+01	1.50E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	2	Chromium	6.65E+01	2.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	2	Neptunium-237	7.70E-01	2.80E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	PCB, Total	3.90E-01	2.10E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	2	Total PAH	3.38E-01	5.70E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Uranium-234	3.24E+01	1.70E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-235	2.00E+00	5.10E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-238	5.61E+01	3.30E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	3	Arsenic	1.30E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	3	Chromium	7.01E+01	2.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	3	PCB, Total	8.65E+00	4.60E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	4	Arsenic	1.33E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	4	Chromium	7.20E+01	2.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	4	Neptunium-237	2.68E+00	9.90E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	PCB, Total	6.61E+00	3.50E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	4	Total PAH	2.51E-01	4.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Uranium-234	1.13E+02	6.00E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-235	8.00E+00	2.00E-05	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-238	1.69E+02	9.90E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Arsenic	1.31E+01	1.30E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	5	Chromium	4.70E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	5	Neptunium-237	1.74E+00	6.40E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	PCB, Total	1.00E+00	5.30E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	5	Thorium-230	1.39E+01	1.00E-06	1.38E+01	1.38E+02	1.38E+03	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	5	Total PAH	1.21E-01	2.00E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Uranium-234	5.22E+01	2.80E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-235	3.33E+00	8.40E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-238	9.42E+01	5.50E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Chromium	4.46E+02	1.50E-05	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	6	Neptunium-237	2.65E+00	9.80E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	PCB, Total	5.00E+00	2.70E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	6	Uranium-234	3.41E+01	1.80E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-235	2.27E+00	5.70E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-238	5.08E+01	3.00E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Arsenic	1.13E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	7	Chromium	6.46E+01	2.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	7	Neptunium-237	1.49E+00	5.50E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	PCB, Total	7.60E+00	4.10E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	7	Total PAH	6.31E-02	1.10E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Uranium-235	9.60E-01	2.40E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-238	2.13E+01	1.30E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	8	Arsenic	1.14E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	8	Chromium	4.60E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	8	Neptunium-237	8.80E-01	3.20E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	8	PCB, Total	5.00E+00	2.70E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	8	Total PAH	6.28E-02	1.10E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Uranium-238	5.92E+00	3.50E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Arsenic	1.40E+01	1.40E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	9	Cesium-137	4.53E-01	5.30E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Chromium	4.64E+01	1.50E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
14	9	Neptunium-237	1.09E+01	4.00E-05	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	PCB, Total	6.84E+00	3.60E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	9	Total PAH	4.87E-01	8.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Uranium-234	8.32E+02	4.40E-05	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	1.40E-04	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	7.10E-04	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Arsenic	1.12E+01	1.10E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
14	10	Chromium	4.19E+01	1.40E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	10	Neptunium-237	2.64E+00	9.70E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	PCB, Total	9.38E+00	5.00E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
14	10	Total PAH	2.72E-01	4.60E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Uranium-234	2.42E+01	1.30E-06	1.89E+01	1.89E+02	1.89E+03	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-235	1.76E+00	4.50E-06	3.95E-01	3.95E+00	3.95E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-238	4.09E+01	2.40E-05	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
518	1	PCB, Total	6.30E-01	3.40E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
518	1	Total PAH	3.90E+01	6.60E-04	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
520	1	Cesium-137	9.62E-01	1.10E-05	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Chromium	3.17E+01	1.10E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
520	1	Neptunium-237	6.56E-01	2.40E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Uranium-238	3.93E+00	2.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
520	2	Chromium	6.67E+01	2.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
520	2	Total PAH	3.17E-01	5.40E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
520	2	Uranium-238	1.78E+00	1.00E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
520	3	Chromium	3.97E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
520	3	Total PAH	1.18E-01	2.00E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Chromium	3.82E+01	1.30E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
520	4	Neptunium-237	7.40E-01	2.70E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
520	4	Total PAH	5.52E-01	9.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Uranium-238	6.26E+00	3.70E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
520	5	Chromium	3.68E+01	1.20E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
520	5	Total PAH	3.87E-01	6.50E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Arsenic	1.03E+01	1.00E-05	9.97E-01	9.97E+00	9.97E+01	<0.1	n/a	n/a	n/a	mg/kg
81	1	Chromium	8.62E+01	2.90E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	PCB, Total	1.60E+02	8.50E-04	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
81	1	Total PAH	5.53E-01	9.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	1.1	6.00E+02	6.00E+03	1.80E+04	mg/kg
81	1	Uranium-238	2.29E+00	1.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
153	1	PCB, Total	5.09E-01	2.70E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
153	1	Total PAH	8.69E-02	1.50E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Chromium	4.90E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
156	1	PCB, Total	3.00E-01	1.60E-06	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
156	1	Total PAH	8.26E-02	1.40E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Industrial Worker Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
156	1	Uranium-238	2.19E+00	1.30E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
163	1	Chromium	4.94E+01	1.60E-06	3.02E+01	3.02E+02	3.02E+03	<0.1	n/a	n/a	n/a	mg/kg
163	1	Total PAH	1.63E-01	2.80E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Neptunium-237	3.31E-01	1.20E-06	2.71E-01	2.71E+00	2.71E+01	n/a	n/a	n/a	n/a	pCi/g
219	1	Total PAH	7.50E-02	1.30E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Uranium-238	4.40E+00	2.60E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g
488	1	Cesium-137	5.20E-01	6.00E-06	8.61E-02	8.61E-01	8.61E+00	n/a	n/a	n/a	n/a	pCi/g
488	1	PCB, Total	1.03E+01	5.50E-05	1.88E-01	1.88E+00	1.88E+01	<0.1	n/a	n/a	n/a	mg/kg
488	1	Total PAH	2.50E-01	4.20E-06	5.92E-02	5.92E-01	5.92E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Uranium-238	4.54E+00	2.70E-06	1.70E+00	1.70E+01	1.70E+02	n/a	n/a	n/a	n/a	pCi/g

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	1	Cesium-137	5.91E-01	5.1E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	Neptunium-237	4.02E-01	1.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	PCB, Total	1.76E-01	1.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	1	Plutonium-239/240	6.14E+00	3.8E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Thorium-230	4.40E+01	2.0E-05	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Uranium-238	1.97E+00	1.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
1	2	Chromium	2.01E+02	4.9E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	PCB, Total	3.21E+01	2.0E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	PCB, Total	2.17E-01	1.3E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	Uranium-238	1.73E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
1	4	Chromium	9.30E+01	2.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
1	4	Thorium-230	5.03E+00	2.3E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
1	5	PCB, Total	2.70E-01	1.7E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	5	Total PAH	9.83E-02	2.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
99B	1	Chromium	5.51E+01	1.40E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Chromium	5.96E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Uranium-238	1.42E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	3	Arsenic	1.46E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	3	Uranium-238	1.28E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	4	Chromium	4.84E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Total PAH	7.30E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	4	Uranium-238	1.73E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	5	Chromium	4.58E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	5	Uranium-238	1.38E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	6	Uranium-238	1.32E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	7	Chromium	5.32E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Chromium	5.36E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Total PAH	4.85E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	8	Uranium-238	1.39E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	9	Arsenic	1.14E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	9	Chromium	5.17E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Arsenic	1.22E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	10	Cesium-137	5.81E-01	5.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	10	Total PAH	2.57E-01	5.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	10	Uranium-238	1.49E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	11	Total PAH	7.95E-02	1.6E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	12	Chromium	6.34E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	12	Total PAH	8.91E-01	1.8E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	13	Chromium	4.77E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	13	Total PAH	9.13E-02	1.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	14	Chromium	5.21E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	15	Chromium	5.33E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	16	Arsenic	1.15E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	16	Chromium	5.32E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Arsenic	1.16E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	17	Chromium	4.65E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Total PAH	1.59E-01	3.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	18	Arsenic	1.06E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	18	Chromium	6.85E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	19	Arsenic	1.07E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	19	Chromium	4.84E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Arsenic	1.18E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	20	Chromium	5.24E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	21	Chromium	5.51E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	Chromium	4.90E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	PCB, Total	1.09E+01	6.7E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
194	23	Arsenic	1.16E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	23	Chromium	6.60E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Chromium	5.02E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	25	Chromium	6.13E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	26	Chromium	4.18E+01	1.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	27	Chromium	5.22E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Arsenic	1.20E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	28	Chromium	6.07E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	29	Chromium	5.06E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	30	Chromium	5.66E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	31	Cesium-137	5.70E-01	4.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	31	Uranium-238	1.72E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
196	1	Uranium-238	1.54E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
196	2	PCB, Total	1.51E+00	9.3E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
196	2	Total PAH	6.80E-01	1.4E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Uranium-238	2.21E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
489	1	Chromium	4.16E+01	1.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
489	1	Total PAH	8.22E-02	1.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
489	1	Uranium-238	1.47E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
531	1	Arsenic	4.68E+01	1.1E-04	4.15E-01	4.15E+00	4.15E+01	0.7	6.65E+00	6.65E+01	1.99E+02	mg/kg
531	1	Chromium	5.05E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
531	1	Iron	5.68E+04	<1.0E-06	n/a	n/a	n/a	0.3	2.01E+04	2.01E+05	6.04E+05	mg/kg
531	1	Total PAH	5.34E-02	1.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Uranium-238	3.48E+00	3.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
200	1	Cesium-137	5.74E-01	5.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
200	1	Chromium	5.75E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
200	1	PCB, Total	2.60E+00	1.6E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
200	1	Uranium-238	3.58E+00	3.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Arsenic	1.44E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
212	1	Cesium-137	6.01E-01	5.2E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
212	1	Neptunium-237	4.00E+00	1.2E-05	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
212	1	PCB, Total	1.80E-01	1.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
212	1	Plutonium-239/240	6.71E+00	4.1E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Thorium-230	2.60E+02	1.2E-04	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-238	3.17E+00	2.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
213	1	Chromium	4.78E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
213	1	Total PAH	1.72E-01	3.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	Uranium-238	2.33E+00	2.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
213	2	Chromium	4.48E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Chromium	5.73E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Total PAH	8.09E-02	1.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Total PAH	1.49E-01	3.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Uranium-238	1.33E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
217	1	Chromium	8.58E+01	2.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
217	2	Chromium	1.02E+02	2.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Total PAH	5.05E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Chromium	7.01E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
221	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
221	1	Total PAH	1.02E+00	2.1E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Uranium-238	1.93E+00	1.6E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Chromium	4.73E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	PCB, Total	1.40E+00	8.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
222	1	Total PAH	1.77E-01	3.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Uranium-234	1.04E+01	3.7E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-235	7.10E-01	1.6E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-238	1.96E+01	1.7E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Cesium-137	1.90E-01	1.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Chromium	4.71E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
227	1	Neptunium-237	9.05E-01	2.8E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	PCB, Total	4.14E+00	2.6E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
227	1	Total PAH	3.38E-01	7.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Uranium-234	1.54E+01	5.5E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-235	1.49E+00	3.3E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-238	4.63E+01	3.9E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
227	2	Chromium	5.63E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
227	2	PCB, Total	5.82E+00	3.6E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
227	2	Total PAH	1.16E-01	2.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Uranium-238	1.57E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
228	1	Chromium	1.89E+02	4.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
228	1	Neptunium-237	8.00E-01	2.4E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
228	1	Total PAH	6.69E-02	1.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
228	1	Uranium-238	3.77E+00	3.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
76	1	PCB, Total	2.60E-01	1.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
76	1	Total PAH	1.76E+00	3.6E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
76	1	Uranium-238	1.45E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Arsenic	6.35E+01	1.5E-04	4.15E-01	4.15E+00	4.15E+01	1.0	6.65E+00	6.65E+01	1.99E+02	mg/kg
165	1	Cesium-137	3.47E+00	3.0E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Neptunium-237	4.26E-01	1.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
165	1	PCB, Total	8.27E+00	5.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
165	1	Plutonium-239/240	2.81E+00	1.7E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Thorium-230	6.02E+00	2.7E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Total PAH	1.87E+00	3.9E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Uranium	1.08E+02	<1.0E-06	n/a	n/a	n/a	0.1	8.61E+01	8.61E+02	2.58E+03	mg/kg
165	1	Uranium-234	5.76E+01	2.0E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-235	2.05E+00	4.5E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-238	6.41E+01	5.5E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
170	1	Uranium-238	1.53E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
158	1	Arsenic	1.01E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
158	1	Chromium	6.07E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
158	1	Total PAH	3.69E-01	7.6E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
158	1	Uranium-238	3.79E+00	3.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Arsenic	2.03E+01	4.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
169	1	Chromium	2.15E+02	5.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
169	1	PCB, Total	1.00E+01	6.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
169	1	Total PAH	4.59E+00	9.5E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Uranium-234	6.55E+00	2.3E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-235	4.60E-01	1.0E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-238	8.12E+00	6.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
19	1	Total PAH	5.23E+00	1.1E-04	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Arsenic	1.06E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
138	1,2	Chromium	5.39E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Total PAH	9.74E-02	2.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.48E+01	1.8E-04	4.15E-01	4.15E+00	4.15E+01	1.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
180	1	Chromium	5.54E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
180	2	Arsenic	1.27E+01	3.0E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	2	Chromium	4.46E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<1	n/a	n/a	n/a	mg/kg
180	2	Total PAH	9.19E-02	1.9E-06	4.85E-02	4.85E-01	4.85E+00	<1	n/a	n/a	n/a	mg/kg
180	3	Arsenic	1.34E+01	3.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	3	Chromium	4.69E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<1	n/a	n/a	n/a	mg/kg
180	4	Arsenic	1.15E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	4	Chromium	6.00E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
195	1	Chromium	6.33E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Chromium	4.52E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	3	Chromium	5.03E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	4	Chromium	5.29E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Chromium	5.74E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Chromium	4.45E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Total PAH	2.48E-01	5.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	7	Chromium	4.93E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Arsenic	1.16E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	8	Chromium	6.79E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Total PAH	2.16E-01	4.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	9	Chromium	6.08E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	10	Chromium	4.51E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Arsenic	1.35E+01	3.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	11	Chromium	5.05E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	12	Chromium	7.04E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	13	Chromium	6.55E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	14	Chromium	5.94E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	15	Chromium	4.82E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	16	Chromium	4.45E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	Chromium	8.22E+01	2.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	PCB, Total	7.40E-01	4.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
195	17	Total PAH	3.16E-01	6.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Uranium-238	2.48E+00	2.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
486	1	Cesium-137	1.71E+00	1.5E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
487	1	Cesium-137	1.38E+00	1.2E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Arsenic	1.47E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
492	1	Chromium	1.04E+03	2.6E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	PCB, Total	4.41E+01	2.7E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium	1.77E+03	<1.0E-06	n/a	n/a	n/a	2.1	8.61E+01	8.61E+02	2.58E+03	mg/kg
492	1	Uranium-234	5.39E+01	1.9E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-235	5.72E+00	1.3E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-238	3.83E+02	3.3E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
493	1	Chromium	6.61E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
493	1	PCB, Total	2.60E-01	1.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
493	1	Total PAH	5.00E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Uranium-238	5.50E+00	4.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
517	1	Chromium	4.91E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
517	1	Neptunium-237	1.07E+00	3.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
517	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
517	1	Uranium-238	3.89E+00	3.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Cesium-137	9.58E-01	8.3E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Chromium	8.24E+02	2.0E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	PCB, Total	6.06E+01	3.7E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
541	1	Total PAH	2.33E+00	4.8E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	6.38E+03	<1.0E-06	n/a	n/a	n/a	7.4	8.61E+01	8.61E+02	2.58E+03	mg/kg
541	1	Uranium-234	1.43E+02	5.0E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-235	1.76E+01	3.9E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-238	1.00E+03	8.5E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Arsenic	1.66E+01	4.0E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
561	1	Chromium	8.58E+01	2.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
561	1	PCB, Total	1.04E+00	6.4E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
561	1	Total PAH	3.94E-01	8.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Uranium-234	7.84E+00	2.8E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-235	1.37E+00	3.0E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.07E+02	9.1E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Arsenic	1.30E+01	3.1E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
561	2	Cesium-137	4.09E-01	3.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Chromium	2.88E+02	7.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	Cobalt	1.14E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.53E+00	8.53E+01	2.56E+02	mg/kg
561	2	PCB, Total	1.64E+01	1.0E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
561	2	Total PAH	2.43E+00	5.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium	1.38E+03	<1.0E-06	n/a	n/a	n/a	1.6	8.61E+01	8.61E+02	2.58E+03	mg/kg
561	2	Uranium-234	4.06E+01	1.4E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-235	7.09E+00	1.6E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-238	4.00E+02	3.4E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	1	Uranium-238	2.73E+00	2.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	PCB, Total	1.58E+00	9.7E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
562	2	Uranium-234	5.34E+01	1.9E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-235	8.96E+00	2.0E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	5.0E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	3	PCB, Total	2.40E-01	1.5E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	3	Total PAH	2.20E-01	4.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Uranium-238	1.09E+01	9.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	4	Chromium	4.67E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
562	4	Uranium-238	2.24E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Chromium	1.53E+02	3.8E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
562	5	PCB, Total	9.50E-01	5.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	5	Total PAH	7.05E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Uranium-234	8.57E+00	3.0E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-235	9.50E-01	2.1E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-238	6.24E+01	5.3E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-234	4.01E+01	1.4E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-235	6.81E+00	1.5E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	3.1E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
563	1	Chromium	2.85E+02	7.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
563	1	PCB, Total	7.40E-01	4.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
563	1	Uranium-238	2.76E+00	2.4E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
563	2	Cesium-137	6.47E-01	5.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
563	2	Uranium-238	1.49E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Arsenic	4.30E+01	1.0E-04	4.15E-01	4.15E+00	4.15E+01	0.6	6.65E+00	6.65E+01	1.99E+02	mg/kg
564	1	Cesium-137	6.20E-01	5.4E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
564	1	Chromium	7.49E+01	1.8E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
564	1	Iron	3.66E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
564	1	PCB, Total	1.93E+00	1.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
564	1	Thallium	2.36E+00	<1.0E-06	n/a	n/a	n/a	0.1	2.30E+00	2.30E+01	6.91E+01	mg/kg
564	1	Thorium-230	5.01E+00	2.3E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-234	6.93E+00	2.4E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-238	8.33E+00	7.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	1	Arsenic	1.10E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	1	Chromium	6.36E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	1	Technetium-99	4.06E+02	7.0E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g
14	1	Uranium-238	1.69E+00	1.4E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Arsenic	1.45E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	2	Chromium	6.65E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	2	Neptunium-237	7.70E-01	2.4E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	PCB, Total	3.90E-01	2.4E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	2	Thorium-230	5.98E+00	2.7E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Total PAH	3.38E-01	7.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Uranium-234	3.24E+01	1.1E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-235	2.00E+00	4.4E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-238	5.61E+01	4.8E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	3	Arsenic	1.30E+01	3.1E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	3	Chromium	7.01E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	3	PCB, Total	8.65E+00	5.3E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	3	Uranium-238	1.50E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Arsenic	1.33E+01	3.2E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	4	Chromium	7.20E+01	1.8E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	4	Iron	3.88E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	4	Neptunium-237	2.68E+00	8.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Nickel	7.31E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	4	PCB, Total	6.61E+00	4.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	4	Thorium-230	8.33E+00	3.8E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Total PAH	2.51E-01	5.2E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Uranium	3.72E+02	<1.0E-06	n/a	n/a	n/a	0.4	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	4	Uranium-234	1.13E+02	4.0E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-235	8.00E+00	1.8E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-238	1.69E+02	1.4E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Arsenic	1.31E+01	3.2E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	5	Chromium	4.70E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	5	Cobalt	1.40E+01	<1.0E-06	n/a	n/a	n/a	0.2	8.53E+00	8.53E+01	2.56E+02	mg/kg
14	5	Iron	3.92E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	5	Mercury	1.09E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.63E+00	8.63E+01	2.59E+02	mg/kg
14	5	Neptunium-237	1.74E+00	5.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	PCB, Total	1.00E+00	6.2E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	5	Technetium-99	1.01E+02	1.7E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g
14	5	Thorium-230	1.39E+01	6.3E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Total PAH	1.21E-01	2.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Uranium	2.62E+02	<1.0E-06	n/a	n/a	n/a	0.3	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	5	Uranium-234	5.22E+01	1.8E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-235	3.33E+00	7.3E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-238	9.42E+01	8.0E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Chromium	4.46E+02	1.1E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	6	Neptunium-237	2.65E+00	8.1E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	PCB, Total	5.00E+00	3.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	6	Uranium-234	3.41E+01	1.2E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-235	2.27E+00	5.0E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-238	5.08E+01	4.3E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Arsenic	1.13E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	7	Chromium	6.46E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	7	Neptunium-237	1.49E+00	4.5E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	PCB, Total	7.60E+00	4.7E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	7	Total PAH	6.31E-02	1.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Uranium-234	1.28E+01	4.5E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-235	9.60E-01	2.1E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-238	2.13E+01	1.8E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	8	Arsenic	1.14E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	8	Chromium	4.60E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	8	Neptunium-237	8.80E-01	2.7E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	8	PCB, Total	5.00E+00	3.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	8	Total PAH	6.28E-02	1.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Uranium-238	5.92E+00	5.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Arsenic	1.40E+01	3.4E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	9	Cesium-137	4.53E-01	3.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Chromium	4.64E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	9	Neptunium-237	1.09E+01	3.3E-05	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Nickel	9.43E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	9	PCB, Total	6.84E+00	4.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	9	Technetium-99	1.96E+02	3.4E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	9	Total PAH	4.87E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Uranium	1.46E+03	<1.0E-06	n/a	n/a	n/a	1.7	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	9	Uranium-234	8.32E+02	2.9E-04	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	1.2E-04	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	1.0E-03	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	10	Chromium	4.19E+01	1.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	10	Iron	2.75E+04	<1.0E-06	n/a	n/a	n/a	0.1	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	10	Mercury	2.51E+01	<1.0E-06	n/a	n/a	n/a	0.3	8.63E+00	8.63E+01	2.59E+02	mg/kg
14	10	Neptunium-237	2.64E+00	8.1E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Nickel	6.00E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	10	PCB, Total	9.38E+00	5.8E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	10	Total PAH	2.72E-01	5.6E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Uranium	2.88E+02	<1.0E-06	n/a	n/a	n/a	0.3	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	10	Uranium-234	2.42E+01	8.6E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-235	1.76E+00	3.9E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-238	4.09E+01	3.5E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
518	1	PCB, Total	6.30E-01	3.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
518	1	Total PAH	3.90E+01	8.0E-04	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Uranium-238	1.51E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Cesium-137	9.62E-01	8.3E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Neptunium-237	6.56E-01	2.0E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Thorium-230	1.13E+01	5.2E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Uranium-238	3.93E+00	3.4E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	2	Chromium	6.67E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	2	Total PAH	3.17E-01	6.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	2	Uranium-238	1.78E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	3	Total PAH	1.18E-01	2.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	3	Uranium-238	1.57E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	4	Neptunium-237	7.40E-01	2.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
520	4	Total PAH	5.52E-01	1.1E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Uranium-238	6.26E+00	5.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	5	Total PAH	3.87E-01	8.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	5	Uranium-238	1.45E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
81	1	Arsenic	1.03E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
81	1	Chromium	8.62E+01	2.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	PCB, Total	1.60E+02	9.9E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
81	1	Total PAH	5.53E-01	1.1E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	7.5	8.61E+01	8.61E+02	2.58E+03	mg/kg
81	1	Uranium-238	2.29E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
153	1	PCB, Total	5.09E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
153	1	Total PAH	8.69E-02	1.8E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Chromium	4.90E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
156	1	PCB, Total	3.00E-01	1.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
156	1	Total PAH	8.26E-02	1.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Uranium-238	2.19E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
160	1	Total PAH	5.29E-02	1.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
163	1	Chromium	4.94E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
163	1	Total PAH	1.63E-01	3.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Neptunium-237	3.31E-01	1.0E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
219	1	Total PAH	7.50E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Uranium-238	4.40E+00	3.8E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
488	1	Cesium-137	5.20E-01	4.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
488	1	PCB, Total	1.03E+01	6.4E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
488	1	Total PAH	2.50E-01	5.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Uranium-238	4.54E+00	3.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	1	Arsenic	6.74E+00	1.60E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
1	1	Cesium-137	5.91E-01	5.1E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	Neptunium-237	4.02E-01	1.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	Plutonium-239/240	6.14E+00	3.8E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Thorium-230	4.40E+01	2.0E-05	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Trichloroethene	6.90E-01	1.1E-05	6.21E-02	6.21E-01	6.21E+00	<0.1	n/a	n/a	n/a	mg/kg
1	1	Uranium-238	1.97E+00	1.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
1	2	Arsenic	7.82E+00	1.90E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
1	2	Chromium	1.26E+02	3.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	cis-1,2-Dichloroethene	2.40E+03	<1.0E-06	n/a	n/a	n/a	41.2	5.83E+00	5.83E+01	1.75E+02	mg/kg
1	2	PCB, Total	3.21E+01	2.0E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	2	Trichloroethene	6.48E+01	1.0E-03	6.21E-02	6.21E-01	6.21E+00	3.3	1.95E+00	1.95E+01	5.86E+01	mg/kg
1	2	Vinyl chloride	4.47E+00	2.0E-05	2.26E-01	2.26E+00	2.26E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	Arsenic	6.24E+00	1.50E-05	4.15E-01	4.15E+00	4.15E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	PCB, Total	2.08E-01	1.3E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	3	Uranium-238	1.73E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
1	4	Cesium-137	3.37E-01	2.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
1	4	Chromium	7.09E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
1	4	Thorium-230	5.03E+00	2.3E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
1	4	Trichloroethene	1.90E-01	3.1E-06	6.21E-02	6.21E-01	6.21E+00	<0.1	n/a	n/a	n/a	mg/kg
1	5	Arsenic	1.67E+01	4.00E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
1	5	PCB, Total	2.70E-01	1.7E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
1	5	Total PAH	9.83E-02	2.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
99B	1	Arsenic	9.94E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
99B	1	Chromium	6.29E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
99B	2	Chromium	4.57E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	1	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	1	Chromium	5.11E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	2	Chromium	5.96E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Uranium-238	1.24E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	3	Arsenic	1.44E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	3	Chromium	4.98E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	4	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	4	Chromium	5.59E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	5	Arsenic	9.71E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	5	Chromium	5.54E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	5	Total PAH	4.50E-01	9.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	7	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	7	Chromium	5.32E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Arsenic	1.09E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	8	Chromium	6.09E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Total PAH	3.74E-01	7.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	8	Uranium-238	1.18E+00	1.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	9	Arsenic	9.77E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	9	Chromium	4.48E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Arsenic	1.10E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	10	Cesium-137	5.81E-01	5.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
194	10	Chromium	5.00E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Total PAH	2.57E-01	5.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	10	Uranium-238	1.49E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
194	11	Arsenic	1.08E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	11	Chromium	5.66E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	11	Total PAH	7.95E-02	1.6E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	12	Arsenic	9.18E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	12	Chromium	6.34E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	12	Total PAH	7.07E-01	1.5E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	13	Arsenic	9.90E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	13	Chromium	6.25E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	13	Total PAH	6.73E-02	1.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	14	Arsenic	1.09E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	14	Chromium	6.09E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	15	Arsenic	8.95E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	15	Chromium	6.06E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	16	Arsenic	1.09E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	16	Chromium	5.32E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	17	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	17	Chromium	5.45E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Total PAH	1.04E-01	2.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
194	18	Arsenic	1.19E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	18	Chromium	6.85E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	19	Arsenic	9.96E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	19	Chromium	4.84E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Arsenic	1.14E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	20	Chromium	7.11E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	21	Arsenic	3.52E+01	8.5E-05	4.15E-01	4.15E+00	4.15E+01	0.5	6.65E+00	6.65E+01	1.99E+02	mg/kg
194	21	Chromium	5.51E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	21	Cobalt	8.31E+01	<1.0E-06	n/a	n/a	n/a	1.0	8.53E+00	8.53E+01	2.56E+02	mg/kg
194	21	Iron	4.73E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
194	21	Manganese	3.11E+04	<1.0E-06	n/a	n/a	n/a	1.3	2.43E+03	2.43E+04	7.29E+04	mg/kg
194	22	Arsenic	1.15E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	22	Chromium	4.75E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	PCB, Total	1.04E+01	6.4E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
194	23	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	23	Chromium	5.90E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Arsenic	1.19E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	24	Chromium	4.67E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	25	Arsenic	1.05E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	25	Chromium	5.23E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	26	Arsenic	9.09E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	26	Chromium	4.81E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	27	Arsenic	1.07E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	27	Chromium	5.16E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Arsenic	1.13E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	28	Chromium	6.36E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	29	Arsenic	1.43E+01	3.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	29	Chromium	5.76E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
194	30	Arsenic	9.44E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
194	30	Chromium	5.70E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	31	Cesium-137	5.70E-01	4.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
194	31	Uranium-238	1.72E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
196	1	Antimony	1.21E+02	<1.0E-06	n/a	n/a	n/a	1.1	1.15E+01	1.15E+02	3.45E+02	mg/kg
196	1	Arsenic	1.05E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
196	1	Beryllium	1.13E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.62E+01	5.62E+02	1.69E+03	mg/kg
196	1	Cadmium	1.16E+02	<1.0E-06	n/a	n/a	n/a	0.6	2.03E+01	2.03E+02	6.10E+02	mg/kg
196	1	Chromium	1.12E+02	2.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
196	1	Cobalt	1.12E+02	<1.0E-06	n/a	n/a	n/a	1.3	8.53E+00	8.53E+01	2.56E+02	mg/kg
196	1	Iron	2.96E+04	<1.0E-06	n/a	n/a	n/a	0.1	2.01E+04	2.01E+05	6.04E+05	mg/kg
196	1	Nickel	5.87E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
196	1	Thallium	1.14E+02	<1.0E-06	n/a	n/a	n/a	5.0	2.30E+00	2.30E+01	6.91E+01	mg/kg
196	1	Uranium-238	1.54E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
196	2	Arsenic	9.40E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
196	2	PCB, Total	1.51E+00	9.3E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
196	2	Total PAH	9.04E+00	1.9E-04	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Uranium-238	2.21E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
489	1	Arsenic	1.00E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
489	1	Total PAH	8.22E-02	1.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
489	1	Uranium-238	1.47E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
531	1	Arsenic	4.68E+01	1.1E-04	4.15E-01	4.15E+00	4.15E+01	0.7	6.65E+00	6.65E+01	1.99E+02	mg/kg
531	1	Chromium	5.33E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
531	1	Iron	5.68E+04	<1.0E-06	n/a	n/a	n/a	0.3	2.01E+04	2.01E+05	6.04E+05	mg/kg
531	1	Total PAH	5.34E-02	1.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Uranium-238	3.48E+00	3.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
200	1	Arsenic	9.73E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
200	1	Cesium-137	4.68E-01	4.1E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
200	1	Chromium	6.19E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
200	1	PCB, Total	2.60E+00	1.6E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
200	1	Uranium-238	2.79E+00	2.4E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Arsenic	1.44E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
212	1	Cesium-137	6.01E-01	5.2E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
212	1	Chromium	6.66E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
212	1	Neptunium-237	4.00E+00	1.2E-05	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
212	1	PCB, Total	1.80E-01	1.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
212	1	Plutonium-239/240	6.71E+00	4.1E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Thorium-230	2.60E+02	1.2E-04	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-238	3.17E+00	2.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
213	1	Arsenic	9.21E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
213	1	Chromium	5.47E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
213	1	Total PAH	1.72E-01	3.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	Uranium-238	2.33E+00	2.0E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
213	2	Chromium	6.77E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
214	1	Arsenic	1.15E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
215	1	Arsenic	1.02E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
215	1	Chromium	5.73E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Total PAH	5.00E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Arsenic	8.60E+00	2.1E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
216	1	Cesium-137	4.10E-01	3.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
216	1	Total PAH	1.49E-01	3.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Uranium-238	1.33E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
217	1	Arsenic	9.42E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
217	1	Chromium	6.53E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Arsenic	9.97E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
217	2	Chromium	6.61E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Cobalt	8.29E+01	<1.0E-06	n/a	n/a	n/a	1.0	8.53E+00	8.53E+01	2.56E+02	mg/kg
217	2	Iron	3.04E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
217	2	Mercury	9.20E+00	<1.0E-06	n/a	n/a	n/a	0.1	8.63E+00	8.63E+01	2.59E+02	mg/kg
217	2	Total PAH	4.06E-01	8.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Arsenic	1.24E+01	3.0E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
221	1	Chromium	6.57E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
221	1	Cobalt	7.22E+01	<1.0E-06	n/a	n/a	n/a	0.8	8.53E+00	8.53E+01	2.56E+02	mg/kg
221	1	Iron	3.86E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
221	1	Manganese	4.39E+03	<1.0E-06	n/a	n/a	n/a	0.2	2.43E+03	2.43E+04	7.29E+04	mg/kg
221	1	Mercury	1.23E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.63E+00	8.63E+01	2.59E+02	mg/kg
221	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
221	1	Total PAH	1.02E+00	2.1E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
221	1	Uranium-238	1.93E+00	1.6E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
222	1	Cesium-137	2.99E-01	2.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
222	1	Chromium	6.48E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	PCB, Total	9.67E-01	6.0E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
222	1	Total PAH	1.77E-01	3.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Uranium-234	7.04E+00	2.5E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-235	7.10E-01	1.6E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-238	1.54E+01	1.3E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Arsenic	8.46E+00	2.0E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
227	1	Cesium-137	1.67E-01	1.4E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Chromium	5.34E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
227	1	Neptunium-237	7.95E-01	2.4E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	PCB, Total	3.94E+00	2.4E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
227	1	Total PAH	3.38E-01	7.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Uranium-234	1.40E+01	4.9E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-235	1.35E+00	3.0E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-238	4.18E+01	3.6E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
227	2	Arsenic	8.34E+00	2.0E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
227	2	Chromium	4.55E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
227	2	PCB, Total	4.75E+00	2.9E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
227	2	Total PAH	1.16E-01	2.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Uranium-238	1.57E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
228	1	Arsenic	2.79E+01	6.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
228	1	Chromium	1.89E+02	4.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
228	1	Neptunium-237	8.00E-01	2.4E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
228	1	Total PAH	6.69E-02	1.4E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
228	1	Uranium-238	3.77E+00	3.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
76	1	Arsenic	1.31E+01	3.2E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
76	1	PCB, Total	2.60E-01	1.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
76	1	Total PAH	1.76E+00	3.6E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
76	1	Uranium-238	1.45E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Arsenic	6.37E+01	1.5E-04	4.15E-01	4.15E+00	4.15E+01	1.0	6.65E+00	6.65E+01	1.99E+02	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
165	1	Cesium-137	3.47E+00	3.0E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Neptunium-237	4.26E-01	1.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	PCB, Total	9.89E+00	6.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
165	1	Pentachlorophenol	1.98E+00	1.9E-06	1.02E+00	1.02E+01	1.02E+02	<0.1	n/a	n/a	n/a	mg/kg
165	1	Plutonium-239/240	2.81E+00	1.7E-06	1.62E+00	1.62E+01	1.62E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Thorium-230	6.02E+00	2.7E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Total PAH	1.87E+00	3.9E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Uranium	1.08E+02	<1.0E-06	n/a	n/a	n/a	0.1	8.61E+01	8.61E+02	2.58E+03	mg/kg
165	1	Uranium-234	5.76E+01	2.0E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-235	2.06E+00	4.5E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-238	6.42E+01	5.5E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
170	1	Cesium-137	3.35E-01	2.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
170	1	Uranium-238	2.55E+00	2.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
158	1	Arsenic	9.51E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
158	1	Chromium	5.11E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
158	1	Total PAH	4.78E-01	9.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
158	1	Uranium-238	3.16E+00	2.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Arsenic	2.03E+01	4.9E-05	4.15E-01	4.15E+00	4.15E+01	0.3	6.65E+00	6.65E+01	1.99E+02	mg/kg
169	1	Chromium	2.15E+02	5.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
169	1	Cobalt	7.80E+01	<1.0E-06	n/a	n/a	n/a	0.9	8.53E+00	8.53E+01	2.56E+02	mg/kg
169	1	Iron	4.16E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
169	1	Nickel	8.04E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
169	1	PCB, Total	1.00E+01	6.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
169	1	Total PAH	4.59E+00	9.5E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Uranium-234	6.55E+00	2.3E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-235	4.60E-01	1.0E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-238	8.12E+00	6.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
19	1	Arsenic	1.01E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
19	1	Total PAH	5.23E+00	1.1E-04	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
19	1	Uranium-234	2.77E+01	9.8E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
19	1	Uranium-235	1.30E+00	2.9E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
19	1	Uranium-238	3.06E+01	2.6E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
138	1,2	Arsenic	1.08E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	6.65E+00	6.65E+01	1.99E+02	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
138	1,2	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Total PAH	9.74E-02	2.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Chromium	6.28E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.57E+01	1.8E-04	4.15E-01	4.15E+00	4.15E+01	1.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
180	1	Chromium	6.34E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
180	1	Cobalt	1.37E+01	<1.0E-06	n/a	n/a	n/a	0.2	8.53E+00	8.53E+01	2.56E+02	mg/kg
180	2	Arsenic	1.17E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	2	Chromium	6.02E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
180	2	Total PAH	9.19E-02	1.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
180	3	Arsenic	1.36E+01	3.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	3	Chromium	5.44E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
180	4	Arsenic	1.11E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
180	4	Chromium	6.00E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	1	Arsenic	1.17E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	1	Cesium-137	3.70E-01	3.2E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	1	Chromium	5.85E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Chromium	5.63E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	3	Arsenic	1.09E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	3	Chromium	5.29E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	4	Arsenic	1.01E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	4	Chromium	5.08E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Arsenic	8.80E+00	2.1E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	5	Cesium-137	3.41E-01	3.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	5	Chromium	5.74E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Arsenic	1.05E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	6	Cesium-137	2.26E-01	2.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	6	Chromium	5.52E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Total PAH	1.91E-01	3.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	7	Arsenic	8.49E+00	2.0E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	7	Chromium	4.74E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	8	Cesium-137	2.44E-01	2.1E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	8	Chromium	5.23E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
195	8	Total PAH	1.42E-01	2.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	9	Arsenic	1.03E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	9	Chromium	6.08E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	10	Arsenic	9.83E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	10	Chromium	4.29E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Arsenic	1.30E+01	3.1E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	11	Cesium-137	2.13E-01	1.8E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	11	Chromium	5.67E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	12	Arsenic	1.08E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	12	Chromium	6.45E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	13	Arsenic	9.12E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	13	Chromium	5.23E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	14	Arsenic	1.02E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	14	Chromium	5.94E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	15	Arsenic	9.15E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	15	Cesium-137	2.61E-01	2.3E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	15	Chromium	5.34E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	16	Cesium-137	2.94E-01	2.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
195	16	Chromium	5.22E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	Arsenic	9.36E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
195	17	Chromium	6.77E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	PCB, Total	7.40E-01	4.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
195	17	Total PAH	2.05E-01	4.2E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Uranium-238	1.75E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
486	1	Cesium-137	1.71E+00	1.5E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
487	1	Cesium-137	1.38E+00	1.2E-05	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Arsenic	1.47E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
492	1	Cesium-137	3.46E-01	3.0E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Chromium	1.04E+03	2.6E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	PCB, Total	4.41E+01	2.7E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium	1.77E+03	<1.0E-06	n/a	n/a	n/a	2.1	8.61E+01	8.61E+02	2.58E+03	mg/kg
492	1	Uranium-234	5.39E+01	1.9E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-235	5.72E+00	1.3E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
492	1	Uranium-238	3.83E+02	3.3E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
493	1	Arsenic	1.18E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
493	1	Cesium-137	2.92E-01	2.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
493	1	Chromium	6.61E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
493	1	PCB, Total	2.60E-01	1.6E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
493	1	Total PAH	5.00E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Uranium-238	5.50E+00	4.7E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
517	1	Chromium	4.91E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
517	1	Neptunium-237	1.07E+00	3.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
517	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
517	1	Uranium-238	3.89E+00	3.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Arsenic	9.08E+00	2.2E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
541	1	Cesium-137	9.72E-01	8.4E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Chromium	9.44E+02	2.3E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	PCB, Total	6.18E+01	3.8E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
541	1	Total PAH	3.15E+00	6.5E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	7.39E+03	<1.0E-06	n/a	n/a	n/a	8.6	8.61E+01	8.61E+02	2.58E+03	mg/kg
541	1	Uranium-234	1.44E+02	5.1E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-235	2.26E+01	5.0E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-238	1.11E+03	9.5E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Arsenic	1.63E+01	3.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
561	1	Cesium-137	2.53E-01	2.2E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Chromium	9.00E+01	2.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
561	1	PCB, Total	1.01E+00	6.2E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
561	1	Total PAH	7.79E-01	1.6E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Uranium-234	8.48E+00	3.0E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-235	1.43E+00	3.1E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.12E+02	9.5E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Arsenic	1.27E+01	3.1E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
561	2	Cesium-137	4.02E-01	3.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Chromium	3.07E+02	7.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	Cobalt	1.09E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.53E+00	8.53E+01	2.56E+02	mg/kg
561	2	PCB, Total	1.67E+01	1.0E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
561	2	Total PAH	2.30E+00	4.7E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium	1.41E+03	<1.0E-06	n/a	n/a	n/a	1.6	8.61E+01	8.61E+02	2.58E+03	mg/kg
561	2	Uranium-234	3.92E+01	1.4E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-235	6.79E+00	1.5E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-238	3.86E+02	3.3E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	1	Arsenic	1.18E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
562	1	Cesium-137	4.52E-01	3.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
562	1	Chromium	3.15E+02	7.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
562	1	PCB, Total	2.01E+00	1.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	1	Uranium-235	5.91E-01	1.3E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	1	Uranium-238	4.42E+01	3.8E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	Cesium-137	3.58E-01	3.1E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	PCB, Total	1.58E+00	9.7E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	2	Uranium-234	5.34E+01	1.9E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-235	8.96E+00	2.0E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	5.0E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	3	PCB, Total	2.40E-01	1.5E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	3	Total PAH	2.20E-01	4.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Uranium-238	1.09E+01	9.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	4	Cesium-137	4.91E-01	4.3E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
562	4	Chromium	4.67E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
562	4	Uranium-238	2.42E+00	2.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Cesium-137	3.80E-01	3.3E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Chromium	1.53E+02	3.8E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
562	5	PCB, Total	9.50E-01	5.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
562	5	Total PAH	7.05E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Uranium-234	8.57E+00	3.0E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-235	9.50E-01	2.1E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-238	6.24E+01	5.3E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-234	4.01E+01	1.4E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-235	6.81E+00	1.5E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	3.1E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
563	1	Cesium-137	2.88E-01	2.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
563	1	Chromium	3.34E+02	8.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
563	1	PCB, Total	3.54E+00	2.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
563	1	Uranium-238	2.96E+00	2.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
563	2	Cesium-137	6.47E-01	5.6E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
563	2	Uranium-238	1.49E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Arsenic	4.30E+01	1.0E-04	4.15E-01	4.15E+00	4.15E+01	0.6	6.65E+00	6.65E+01	1.99E+02	mg/kg
564	1	Cesium-137	6.20E-01	5.4E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
564	1	Chromium	8.32E+01	2.0E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
564	1	Iron	3.66E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
564	1	PCB, Total	1.93E+00	1.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
564	1	Thallium	2.36E+00	<1.0E-06	n/a	n/a	n/a	0.1	2.30E+00	2.30E+01	6.91E+01	mg/kg
564	1	Thorium-230	5.01E+00	2.3E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-234	6.93E+00	2.4E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-238	8.54E+00	7.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
567	3	Chromium	5.21E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
567	3	Uranium-238	1.72E+00	1.5E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
567	4	Arsenic	1.09E+01	2.6E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	1	Arsenic	1.13E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	1	Chromium	6.56E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	1	PCB, Total	5.00E-01	3.1E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	1	Technetium-99	4.06E+02	7.0E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g
14	1	Uranium-238	6.24E+00	5.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Arsenic	1.47E+01	3.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	2	Chromium	7.24E+01	1.8E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	2	Iron	4.38E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	2	Mercury	8.88E+00	<1.0E-06	n/a	n/a	n/a	0.1	8.63E+00	8.63E+01	2.59E+02	mg/kg
14	2	Neptunium-237	1.70E+00	5.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Nickel	8.41E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	2	PCB, Total	5.00E+00	3.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	2	Thorium-230	7.70E+00	3.5E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Total PAH	2.31E-01	4.8E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Uranium	3.64E+02	<1.0E-06	n/a	n/a	n/a	0.4	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	2	Uranium-234	4.81E+01	1.7E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	2	Uranium-235	3.41E+00	7.5E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-238	8.96E+01	7.6E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	3	Arsenic	1.91E+01	4.6E-05	4.15E-01	4.15E+00	4.15E+01	0.3	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	3	Chromium	7.01E+01	1.7E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	3	Cobalt	1.63E+01	<1.0E-06	n/a	n/a	n/a	0.2	8.53E+00	8.53E+01	2.56E+02	mg/kg
14	3	Iron	4.64E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	3	Nickel	6.64E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	3	PCB, Total	8.75E+00	5.4E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	3	Uranium	2.19E+02	<1.0E-06	n/a	n/a	n/a	0.3	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	3	Uranium-234	4.43E+00	1.6E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	3	Uranium-238	1.08E+01	9.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Arsenic	1.24E+01	3.0E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	4	Chromium	5.66E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	4	Cobalt	1.46E+01	<1.0E-06	n/a	n/a	n/a	0.2	8.53E+00	8.53E+01	2.56E+02	mg/kg
14	4	Iron	3.89E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	4	Neptunium-237	2.03E+00	6.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Nickel	7.31E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	4	PCB, Total	8.28E+00	5.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	4	Thorium-230	5.43E+00	2.5E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Total PAH	1.89E-01	3.9E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Uranium	3.72E+02	<1.0E-06	n/a	n/a	n/a	0.4	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	4	Uranium-234	8.61E+01	3.0E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-235	6.10E+00	1.3E-05	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-238	1.29E+02	1.1E-04	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Arsenic	1.27E+01	3.0E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	5	Chromium	4.70E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	5	Cobalt	1.11E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.53E+00	8.53E+01	2.56E+02	mg/kg
14	5	Iron	3.93E+04	<1.0E-06	n/a	n/a	n/a	0.2	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	5	Mercury	1.09E+01	<1.0E-06	n/a	n/a	n/a	0.1	8.63E+00	8.63E+01	2.59E+02	mg/kg
14	5	Neptunium-237	1.74E+00	5.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	PCB, Total	7.64E+00	4.7E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	5	Technetium-99	7.80E+01	1.3E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g
14	5	Thorium-230	1.09E+01	5.0E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	5	Total PAH	9.48E-02	2.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Uranium	2.62E+02	<1.0E-06	n/a	n/a	n/a	0.3	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	5	Uranium-234	4.03E+01	1.4E-05	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-235	2.57E+00	5.7E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-238	7.26E+01	6.2E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Arsenic	1.05E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	6	Chromium	4.39E+02	1.1E-05	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	6	Neptunium-237	2.04E+00	6.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Nickel	9.63E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	6	PCB, Total	5.00E+00	3.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	6	Uranium	5.77E+02	<1.0E-06	n/a	n/a	n/a	0.7	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	6	Uranium-234	2.59E+01	9.2E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-235	1.79E+00	3.9E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-238	4.11E+01	3.5E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Arsenic	1.12E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	7	Chromium	6.46E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	7	Neptunium-237	1.16E+00	3.5E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	PCB, Total	7.60E+00	4.7E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	7	Total PAH	4.88E-02	1.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Uranium-234	9.86E+00	3.5E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-235	7.29E-01	1.6E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-238	1.60E+01	1.4E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	8	Arsenic	1.22E+01	2.9E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
14	8	Chromium	5.14E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	8	Neptunium-237	6.77E-01	2.1E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	8	PCB, Total	5.00E+00	3.1E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	8	Uranium-238	3.97E+00	3.4E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Arsenic	1.39E+01	3.3E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	9	Cesium-137	4.53E-01	3.9E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Chromium	4.64E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	9	Neptunium-237	1.09E+01	3.3E-05	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Nickel	9.43E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	9	PCB, Total	6.84E+00	4.2E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	9	Technetium-99	1.96E+02	3.4E-06	5.79E+01	5.79E+02	5.79E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Total PAH	4.87E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Uranium	1.46E+03	<1.0E-06	n/a	n/a	n/a	1.7	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	9	Uranium-234	8.32E+02	2.9E-04	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	1.2E-04	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	1.0E-03	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Arsenic	1.15E+01	2.8E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
14	10	Chromium	4.47E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
14	10	Iron	2.69E+04	<1.0E-06	n/a	n/a	n/a	0.1	2.01E+04	2.01E+05	6.04E+05	mg/kg
14	10	Mercury	2.49E+01	<1.0E-06	n/a	n/a	n/a	0.3	8.63E+00	8.63E+01	2.59E+02	mg/kg
14	10	Neptunium-237	2.05E+00	6.2E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Nickel	5.80E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.47E+02	5.47E+03	1.64E+04	mg/kg
14	10	PCB, Total	9.32E+00	5.7E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
14	10	Total PAH	2.10E-01	4.3E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Uranium	2.80E+02	<1.0E-06	n/a	n/a	n/a	0.3	8.61E+01	8.61E+02	2.58E+03	mg/kg
14	10	Uranium-234	1.92E+01	6.8E-06	2.83E+00	2.83E+01	2.83E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-235	1.40E+00	3.1E-06	4.55E-01	4.55E+00	4.55E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-238	2.68E+01	2.3E-05	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
518	1	Arsenic	6.45E+00	1.6E-05	4.15E-01	4.15E+00	4.15E+01	<0.1	n/a	n/a	n/a	mg/kg
518	1	PCB, Total	6.30E-01	3.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
518	1	Total PAH	3.90E+01	8.0E-04	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Uranium-238	1.51E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Arsenic	8.83E+00	2.1E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
520	1	Cesium-137	8.53E-01	7.4E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Chromium	5.95E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	1	Neptunium-237	5.37E-01	1.6E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Thorium-230	1.02E+01	4.7E-06	2.20E+00	2.20E+01	2.20E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Uranium-238	3.69E+00	3.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	2	Arsenic	9.87E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
520	2	Chromium	6.67E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	2	Radium-226	1.56E+00	4.7E-05	3.30E-02	3.30E-01	3.30E+00	n/a	n/a	n/a	n/a	pCi/g
520	2	Total PAH	2.53E-01	5.2E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	2	Uranium-238	1.58E+00	1.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
520	3	Arsenic	1.04E+01	2.5E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
520	3	Chromium	6.57E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	3	Total PAH	7.42E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	3	Uranium-238	1.34E+00	1.1E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	4	Arsenic	9.35E+00	2.3E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
520	4	Chromium	6.60E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	4	Neptunium-237	7.40E-01	2.3E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
520	4	Total PAH	5.52E-01	1.1E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Uranium-238	6.26E+00	5.3E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
520	5	Arsenic	9.97E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
520	5	Chromium	4.94E+01	1.2E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
520	5	Total PAH	3.87E-01	8.0E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
520	5	Uranium-238	1.45E+00	1.2E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
81	1	Arsenic	1.11E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg
81	1	Chromium	6.38E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	Cobalt	1.58E+01	<1.0E-06	n/a	n/a	n/a	0.2	8.53E+00	8.53E+01	2.56E+02	mg/kg
81	1	PCB, Total	1.60E+02	9.8E-04	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
81	1	Total PAH	4.95E-01	1.0E-05	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	7.5	8.61E+01	8.61E+02	2.58E+03	mg/kg
81	1	Uranium-238	2.29E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
153	1	Arsenic	9.92E+00	2.4E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
153	1	Chromium	6.59E+01	1.6E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
153	1	PCB, Total	6.00E-01	3.7E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
153	1	Total PAH	7.31E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Arsenic	1.11E+01	2.7E-05	4.15E-01	4.15E+00	4.15E+01	<1	n/a	n/a	n/a	mg/kg
156	1	Chromium	6.31E+01	1.5E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
156	1	PCB, Total	3.00E-01	1.9E-06	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
156	1	Total PAH	8.26E-02	1.7E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Uranium-238	2.19E+00	1.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
160	1	Arsenic	8.22E+00	2.0E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
160	1	Chromium	4.63E+01	1.1E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
160	1	Total PAH	1.02E-01	2.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
163	1	Arsenic	1.00E+01	2.4E-05	4.15E-01	4.15E+00	4.15E+01	0.2	6.65E+00	6.65E+01	1.99E+02	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Outdoor Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
163	1	Chromium	5.89E+01	1.4E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
163	1	Total PAH	1.07E-01	2.2E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Neptunium-237	3.31E-01	1.0E-06	3.28E-01	3.28E+00	3.28E+01	n/a	n/a	n/a	n/a	pCi/g
219	1	Total PAH	7.50E-02	1.5E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Uranium-238	4.40E+00	3.8E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g
488	1	Arsenic	8.89E+00	2.1E-05	4.15E-01	4.15E+00	4.15E+01	0.1	6.65E+00	6.65E+01	1.99E+02	mg/kg
488	1	Cesium-137	5.20E-01	4.5E-06	1.15E-01	1.15E+00	1.15E+01	n/a	n/a	n/a	n/a	pCi/g
488	1	Chromium	5.31E+01	1.3E-06	4.08E+01	4.08E+02	4.08E+03	<0.1	n/a	n/a	n/a	mg/kg
488	1	PCB, Total	1.03E+01	6.4E-05	1.62E-01	1.62E+00	1.62E+01	<0.1	n/a	n/a	n/a	mg/kg
488	1	Total PAH	2.50E-01	5.1E-06	4.85E-02	4.85E-01	4.85E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Uranium-238	4.54E+00	3.9E-06	1.17E+00	1.17E+01	1.17E+02	n/a	n/a	n/a	n/a	pCi/g

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Excavation Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	2	cis-1,2-Dichloroethene	2.40E+03	<1.0E-06	n/a	n/a	n/a	12.9	1.86E+01	1.86E+02	5.58E+02	mg/kg
1	2	PCB, Total	3.21E+01	2.5E-06	1.30E+01	1.30E+02	1.30E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	Trichloroethene	6.48E+01	1.3E-05	4.96E+00	4.96E+01	4.96E+02	1.0	6.24E+00	6.24E+01	1.87E+02	mg/kg
194	21	Arsenic	3.52E+01	1.1E-06	3.32E+01	3.32E+02	3.32E+03	0.2	2.12E+01	2.12E+02	6.37E+02	mg/kg
194	21	Cobalt	8.31E+01	<1.0E-06	n/a	n/a	n/a	0.3	2.73E+01	2.73E+02	8.18E+02	mg/kg
194	21	Manganese	3.11E+04	<1.0E-06	n/a	n/a	n/a	0.4	7.76E+03	7.76E+04	2.33E+05	mg/kg
196	1	Antimony	1.21E+02	<1.0E-06	n/a	n/a	n/a	0.3	3.68E+01	3.68E+02	1.10E+03	mg/kg
196	1	Cadmium	1.16E+02	<1.0E-06	n/a	n/a	n/a	0.2	6.50E+01	6.50E+02	1.95E+03	mg/kg
196	1	Cobalt	1.12E+02	<1.0E-06	n/a	n/a	n/a	0.4	2.73E+01	2.73E+02	8.18E+02	mg/kg
196	1	Thallium	1.14E+02	<1.0E-06	n/a	n/a	n/a	1.6	7.35E+00	7.35E+01	2.21E+02	mg/kg
196	2	Total PAH	9.04E+00	2.3E-06	3.88E+00	3.88E+01	3.88E+02	<0.1	n/a	n/a	n/a	mg/kg
531	1	Arsenic	4.68E+01	1.4E-06	3.32E+01	3.32E+02	3.32E+03	<1	n/a	n/a	n/a	mg/kg
212	1	Thorium-230	2.60E+02	1.5E-06	1.76E+02	1.76E+03	1.76E+04	n/a	n/a	n/a	n/a	pCi/g
165	1	Arsenic	6.37E+01	1.9E-06	3.32E+01	3.32E+02	3.32E+03	<1	n/a	n/a	n/a	mg/kg
169	1	Total PAH	4.59E+00	1.2E-06	3.88E+00	3.88E+01	3.88E+02	<0.1	n/a	n/a	n/a	mg/kg
19	1	Total PAH	5.23E+00	1.3E-06	3.88E+00	3.88E+01	3.88E+02	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.57E+01	2.3E-06	3.32E+01	3.32E+02	3.32E+03	<1	n/a	n/a	n/a	mg/kg
492	1	PCB, Total	4.41E+01	3.4E-06	1.30E+01	1.30E+02	1.30E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium-238	3.83E+02	4.1E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
541	1	PCB, Total	6.18E+01	4.8E-06	1.30E+01	1.30E+02	1.30E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	7.39E+03	<1.0E-06	n/a	n/a	n/a	2.7	2.75E+02	2.75E+03	8.25E+03	mg/kg
541	1	Uranium-238	1.11E+03	1.2E-05	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.12E+02	1.2E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
561	2	PCB, Total	1.67E+01	1.3E-06	1.30E+01	1.30E+02	1.30E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium-238	3.86E+02	4.1E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	6.2E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	3.9E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
564	1	Arsenic	4.30E+01	1.3E-06	3.32E+01	3.32E+02	3.32E+03	<1	n/a	n/a	n/a	mg/kg
14	4	Uranium-238	1.29E+02	1.4E-06	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-234	8.32E+02	3.7E-06	2.26E+02	2.26E+03	2.26E+04	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	1.5E-06	3.64E+01	3.64E+02	3.64E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	1.3E-05	9.38E+01	9.38E+02	9.38E+03	n/a	n/a	n/a	n/a	pCi/g
518	1	Total PAH	3.90E+01	1.0E-05	3.88E+00	3.88E+01	3.88E+02	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Excavation Worker Surface and Subsurface Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
81	1	PCB, Total	1.60E+02	1.2E-05	1.30E+01	1.30E+02	1.30E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	2.4	2.75E+02	2.75E+03	8.25E+03	mg/kg

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	1	Cesium-137	5.91E-01	3.5E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	Neptunium-237	4.02E-01	7.4E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	PCB, Total	1.76E-01	2.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	1	Plutonium-239/240	6.14E+00	2.2E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Thorium-230	4.40E+01	1.2E-05	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Uranium-235	1.06E-01	1.3E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	Uranium-238	1.97E+00	5.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
1	2	Chromium	2.01E+02	1.3E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	PCB, Total	3.21E+01	5.0E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	3	PCB, Total	2.17E-01	3.4E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	3	Uranium-238	1.73E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
1	4	Chromium	9.30E+01	6.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
1	4	PCB, Total	1.30E-01	2.0E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	4	Thorium-230	5.03E+00	1.4E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
1	5	PCB, Total	2.70E-01	4.2E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	5	Total PAH	9.83E-02	5.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
99B	1	Uranium-238	9.45E-01	2.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	1	Chromium	3.87E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Chromium	5.96E+01	3.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Uranium-238	1.42E+00	4.1E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	3	Arsenic	1.46E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	3	Chromium	3.90E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	3	Total PAH	3.93E-02	2.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	3	Uranium-238	1.28E+00	3.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	4	Chromium	4.84E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Total PAH	7.30E-02	3.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	4	Uranium-238	1.73E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	5	Chromium	4.58E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	5	Total PAH	2.37E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	5	Uranium-238	1.38E+00	4.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	6	Chromium	3.70E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	6	Uranium-238	1.32E+00	3.8E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	7	Chromium	5.32E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	8	Bis(2-ethylhexyl)phthalate	1.50E+01	1.2E-06	1.24E+01	1.24E+02	1.24E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Chromium	5.36E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Total PAH	4.85E-01	2.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	8	Uranium-238	1.39E+00	4.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	9	Arsenic	1.14E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	9	Chromium	5.17E+01	3.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Arsenic	1.22E+01	5.2E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	10	Cesium-137	5.81E-01	3.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
194	10	Chromium	3.63E+01	2.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Total PAH	2.57E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	10	Uranium-238	1.49E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	11	Chromium	3.27E+01	2.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	11	PCB, Total	8.40E-02	1.3E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
194	11	Total PAH	7.95E-02	4.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	12	Chromium	6.34E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	12	Total PAH	8.91E-01	4.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	13	Chromium	4.77E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	13	Total PAH	9.13E-02	4.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	14	Chromium	5.21E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	15	Chromium	5.33E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	16	Arsenic	1.15E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	16	Chromium	5.32E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	17	Chromium	4.65E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Total PAH	1.59E-01	8.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	18	Arsenic	1.06E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	18	Chromium	6.85E+01	4.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	19	Arsenic	1.07E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	19	Chromium	4.84E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Arsenic	1.18E+01	5.0E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	20	Chromium	5.24E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Total PAH	3.10E-02	1.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	21	Chromium	5.51E+01	3.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	Chromium	4.90E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	22	PCB, Total	1.09E+01	1.7E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
194	23	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	23	Chromium	6.60E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Chromium	5.02E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Total PAH	2.28E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	25	Chromium	6.13E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	25	Total PAH	2.06E-02	1.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	26	Chromium	4.18E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	27	Chromium	5.22E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Arsenic	1.20E+01	5.1E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	28	Chromium	6.07E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	29	Chromium	5.06E+01	3.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	30	Chromium	5.66E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	31	Cesium-137	5.70E-01	3.3E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
194	31	Uranium-238	1.72E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
196	1	Chromium	1.96E+01	1.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
196	1	Neptunium-237	3.11E-01	5.8E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
196	1	Uranium-238	1.54E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
196	2	Chromium	2.07E+01	1.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
196	2	PCB, Total	1.51E+00	2.4E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Total PAH	6.80E-01	3.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Uranium-238	2.21E+00	6.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
489	1	Chromium	4.16E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
489	1	Total PAH	8.22E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
489	1	Uranium-238	1.47E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
531	1	Arsenic	4.68E+01	2.0E-04	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
531	1	Chromium	5.05E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
531	1	Total PAH	5.34E-02	2.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Uranium-235	1.38E-01	1.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
531	1	Uranium-238	3.48E+00	1.0E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
200	1	Cesium-137	5.74E-01	3.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
200	1	Chromium	5.75E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
200	1	PCB, Total	2.60E+00	4.1E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
200	1	Total PAH	2.84E-02	1.5E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
200	1	Uranium-235	1.43E-01	1.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
200	1	Uranium-238	3.58E+00	1.0E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
212	1	Arsenic	1.44E+01	6.1E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
212	1	Cesium-137	6.01E-01	3.5E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	Chromium	3.58E+01	2.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
212	1	Neptunium-237	4.00E+00	7.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	PCB, Total	1.80E-01	2.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
212	1	Plutonium-239/240	6.71E+00	2.4E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Thorium-230	2.60E+02	7.3E-05	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-235	2.09E-01	2.7E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-238	3.17E+00	9.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
213	1	Chromium	4.78E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
213	1	PCB, Total	7.30E-02	1.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	Total PAH	1.72E-01	8.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	Uranium-238	2.33E+00	6.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
213	2	Chromium	4.48E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Chromium	5.73E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Total PAH	8.09E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Chromium	2.38E+01	1.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
216	1	Total PAH	1.49E-01	7.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
216	1	Uranium-238	1.33E+00	3.8E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
217	1	Chromium	8.58E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
217	1	Uranium-238	1.15E+00	3.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
217	2	Arsenic	1.12E+01	4.7E-05	2.35E-01	2.35E+00	2.35E+01	0.1	8.04E+00	8.04E+01	2.41E+02	mg/kg
217	2	Chromium	1.02E+02	6.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Total PAH	5.05E-01	2.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Chromium	7.01E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
221	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Total PAH	1.02E+00	5.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Uranium-238	1.93E+00	5.6E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
222	1	Chromium	4.73E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	PCB, Total	1.40E+00	2.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Total PAH	1.77E-01	9.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Uranium-234	1.04E+01	2.2E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
222	1	Uranium-235	7.10E-01	9.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-238	1.96E+01	5.7E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Cesium-137	1.90E-01	1.1E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	Chromium	4.71E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
227	1	Neptunium-237	9.05E-01	1.7E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	PCB, Total	4.14E+00	6.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Total PAH	3.38E-01	1.7E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Uranium-234	1.54E+01	3.2E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-235	1.49E+00	1.9E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-238	4.63E+01	1.3E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
227	2	Chromium	5.63E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
227	2	PCB, Total	5.82E+00	9.1E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Total PAH	1.16E-01	6.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Uranium-238	1.57E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
228	1	Chromium	1.89E+02	1.2E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
228	1	Neptunium-237	8.00E-01	1.5E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
228	1	Total PAH	6.69E-02	3.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
228	1	Uranium-235	1.78E-01	2.3E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
228	1	Uranium-238	3.77E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
76	1	PCB, Total	2.60E-01	4.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
76	1	Total PAH	1.76E+00	9.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
76	1	Uranium-238	1.45E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
165	1	Arsenic	6.35E+01	2.7E-04	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
165	1	Cesium-137	3.47E+00	2.0E-04	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	Chromium	3.74E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
165	1	Naphthalene	1.61E+00	1.4E-06	1.14E+00	1.14E+01	1.14E+02	<0.1	n/a	n/a	n/a	mg/kg
165	1	Neptunium-237	4.26E-01	7.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	PCB, Total	8.27E+00	1.3E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Plutonium-239/240	2.81E+00	1.0E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Thorium-230	6.02E+00	1.7E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Total PAH	1.87E+00	9.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Uranium-234	5.76E+01	1.2E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-235	2.05E+00	2.6E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-238	6.41E+01	1.9E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
170	1	Neptunium-237	1.15E-01	2.1E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
170	1	Uranium-238	1.53E+00	4.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
158	1	Arsenic	1.01E+01	4.3E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
158	1	Chromium	6.07E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
158	1	Total PAH	3.69E-01	1.9E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
158	1	Uranium-235	1.63E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
158	1	Uranium-238	3.79E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
169	1	Arsenic	2.03E+01	8.6E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
169	1	Chromium	2.15E+02	1.4E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
169	1	PCB, Total	1.00E+01	1.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Total PAH	4.59E+00	2.4E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Uranium-234	6.55E+00	1.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-235	4.60E-01	5.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-238	8.12E+00	2.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
19	1	Total PAH	5.23E+00	2.7E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Arsenic	1.06E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	0.1	8.04E+00	8.04E+01	2.41E+02	mg/kg
138	1,2	Chromium	5.39E+01	3.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Total PAH	9.74E-02	5.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.48E+01	3.2E-04	2.35E-01	2.35E+00	2.35E+01	0.9	8.04E+00	8.04E+01	2.41E+02	mg/kg
180	1	Chromium	5.54E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
180	2	Arsenic	1.27E+01	5.4E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
180	2	Chromium	4.46E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<1	n/a	n/a	n/a	mg/kg
180	2	Total PAH	9.19E-02	4.7E-06	1.94E-02	1.94E-01	1.94E+00	<1	n/a	n/a	n/a	mg/kg
180	3	Arsenic	1.34E+01	5.7E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
180	3	Chromium	4.69E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<1	n/a	n/a	n/a	mg/kg
180	4	Arsenic	1.15E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	0.1	8.04E+00	8.04E+01	2.41E+02	mg/kg
180	4	Chromium	6.00E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
180	4	Total PAH	2.15E-02	1.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
181	1	Chromium	2.29E+01	1.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
181	1	Total PAH	3.43E-02	1.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	1	Chromium	6.33E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Chromium	4.52E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Total PAH	2.68E-02	1.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
195	3	Chromium	5.03E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	3	Total PAH	4.06E-02	2.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	4	Chromium	5.29E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Chromium	5.74E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Total PAH	2.40E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	6	Chromium	4.45E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Total PAH	2.48E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	7	Chromium	4.93E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
195	8	Chromium	6.79E+01	4.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Total PAH	2.16E-01	1.1E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	9	Chromium	6.08E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	10	Chromium	4.51E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Arsenic	1.35E+01	5.7E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
195	11	Chromium	5.05E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	12	Chromium	7.04E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	13	Chromium	6.55E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	14	Chromium	5.94E+01	3.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	15	Chromium	4.82E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	16	Chromium	4.45E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	Chromium	8.22E+01	5.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	PCB, Total	7.40E-01	1.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Total PAH	3.16E-01	1.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Uranium-235	1.32E-01	1.7E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
195	17	Uranium-238	2.48E+00	7.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
486	1	Cesium-137	1.71E+00	1.0E-04	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
487	1	Cesium-137	1.38E+00	8.1E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
492	1	Arsenic	1.47E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	0.2	8.04E+00	8.04E+01	2.41E+02	mg/kg
492	1	Chromium	1.04E+03	6.7E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	Neptunium-237	2.09E-01	3.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
492	1	PCB, Total	4.41E+01	6.9E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium	1.77E+03	<1.0E-06	n/a	n/a	n/a	0.8	2.17E+02	2.17E+03	6.52E+03	mg/kg
492	1	Uranium-234	5.39E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-235	5.72E+00	7.3E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
492	1	Uranium-238	3.83E+02	1.1E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
493	1	Chromium	6.61E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
493	1	Neptunium-237	1.22E-01	2.3E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
493	1	PCB, Total	2.60E-01	4.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Total PAH	5.00E-01	2.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Uranium-235	1.65E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
493	1	Uranium-238	5.50E+00	1.6E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
517	1	Chromium	4.91E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
517	1	Neptunium-237	1.07E+00	2.0E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
517	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
517	1	Uranium-235	1.60E-01	2.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
517	1	Uranium-238	3.89E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Cesium-137	9.58E-01	5.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
541	1	Chromium	8.24E+02	5.3E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	PCB, Total	6.06E+01	9.5E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Total PAH	2.33E+00	1.2E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	6.38E+03	<1.0E-06	n/a	n/a	n/a	2.9	2.17E+02	2.17E+03	6.52E+03	mg/kg
541	1	Uranium-234	1.43E+02	3.0E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-235	1.76E+01	2.2E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-238	1.00E+03	2.9E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Arsenic	1.66E+01	7.0E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
561	1	Chromium	8.58E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
561	1	PCB, Total	1.04E+00	1.6E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Total PAH	3.94E-01	2.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Uranium-234	7.84E+00	1.6E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-235	1.37E+00	1.7E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.07E+02	3.1E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Arsenic	1.30E+01	5.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
561	2	Cesium-137	4.09E-01	2.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
561	2	Chromium	2.88E+02	1.9E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	PCB, Total	1.64E+01	2.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Total PAH	2.43E+00	1.3E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium-234	4.06E+01	8.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-235	7.09E+00	9.0E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
561	2	Uranium-238	4.00E+02	1.2E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	1	Uranium-238	2.73E+00	7.9E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	PCB, Total	1.58E+00	2.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	2	Uranium-234	5.34E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-235	8.96E+00	1.1E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	1.7E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	3	Chromium	3.82E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	3	PCB, Total	2.40E-01	3.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Total PAH	2.20E-01	1.1E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Uranium-235	1.63E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	3	Uranium-238	1.09E+01	3.2E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	4	Chromium	4.67E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	4	Uranium-238	2.24E+00	6.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Chromium	1.53E+02	9.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	5	PCB, Total	9.50E-01	1.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Total PAH	7.05E-02	3.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Uranium-234	8.57E+00	1.8E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-235	9.50E-01	1.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-238	6.24E+01	1.8E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-234	4.01E+01	8.3E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-235	6.81E+00	8.7E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	1.0E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
563	1	Chromium	2.85E+02	1.8E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
563	1	PCB, Total	7.40E-01	1.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
563	1	Uranium-238	2.76E+00	8.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
563	2	Cesium-137	6.47E-01	3.8E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
563	2	Uranium-238	1.49E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
564	1	Arsenic	4.30E+01	1.8E-04	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
564	1	Cesium-137	6.20E-01	3.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
564	1	Chromium	7.49E+01	4.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
564	1	PCB, Total	1.93E+00	3.0E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
564	1	Thorium-230	5.01E+00	1.4E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-234	6.93E+00	1.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-235	3.87E-01	4.9E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
564	1	Uranium-238	8.33E+00	2.4E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
567	3	Chromium	3.79E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
567	4	Chromium	1.63E+01	1.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
567	4	Uranium-238	1.05E+00	3.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	1	Americium-241	1.27E+00	1.2E-06	1.09E+00	1.09E+01	1.09E+02	n/a	n/a	n/a	n/a	pCi/g
14	1	Arsenic	1.10E+01	4.7E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	1	Chromium	6.36E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	1	Neptunium-237	2.14E-01	4.0E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	1	Technetium-99	4.06E+02	4.7E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	1	Uranium-238	1.69E+00	4.9E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Arsenic	1.45E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	0.2	8.04E+00	8.04E+01	2.41E+02	mg/kg
14	2	Chromium	6.65E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	2	Neptunium-237	7.70E-01	1.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	2	PCB, Total	3.90E-01	6.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Thorium-230	5.98E+00	1.7E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Total PAH	3.38E-01	1.7E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Uranium	2.93E+02	<1.0E-06	n/a	n/a	n/a	0.1	2.17E+02	2.17E+03	6.52E+03	mg/kg
14	2	Uranium-234	3.24E+01	6.7E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-235	2.00E+00	2.5E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-238	5.61E+01	1.6E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	3	Arsenic	1.30E+01	5.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	3	Chromium	7.01E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	3	PCB, Total	8.65E+00	1.4E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	3	Uranium-238	1.50E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Arsenic	1.33E+01	5.6E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	4	Chromium	7.20E+01	4.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	4	Neptunium-237	2.68E+00	5.0E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	4	PCB, Total	6.61E+00	1.0E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Thorium-230	8.33E+00	2.3E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Total PAH	2.51E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Uranium-234	1.13E+02	2.3E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-235	8.00E+00	1.0E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-238	1.69E+02	4.9E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	5	Arsenic	1.31E+01	5.6E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	5	Chromium	4.70E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	5	Neptunium-237	1.74E+00	3.2E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	5	PCB, Total	1.00E+00	1.6E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Technetium-99	1.01E+02	1.2E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	5	Thorium-230	1.39E+01	3.9E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Total PAH	1.21E-01	6.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Uranium-234	5.22E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-235	3.33E+00	4.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-238	9.42E+01	2.7E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Chromium	4.46E+02	2.9E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	6	Neptunium-237	2.65E+00	4.9E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	6	PCB, Total	5.00E+00	7.8E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	6	Uranium-234	3.41E+01	7.1E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-235	2.27E+00	2.9E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-238	5.08E+01	1.5E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	Arsenic	1.13E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	7	Chromium	6.46E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	7	Neptunium-237	1.49E+00	2.8E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	7	PCB, Total	7.60E+00	1.2E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Total PAH	6.31E-02	3.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Uranium-234	1.28E+01	2.7E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-235	9.60E-01	1.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-238	2.13E+01	6.2E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	8	Arsenic	1.14E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	8	Chromium	4.60E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	8	Neptunium-237	8.80E-01	1.6E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	8	PCB, Total	5.00E+00	7.8E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Total PAH	6.28E-02	3.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Uranium-235	2.38E-01	3.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	8	Uranium-238	5.92E+00	1.7E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Arsenic	1.40E+01	6.0E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	9	Cesium-137	4.53E-01	2.7E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Chromium	4.64E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	9	Neptunium-237	1.09E+01	2.0E-04	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	PCB, Total	6.84E+00	1.1E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Technetium-99	1.96E+02	2.3E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Total PAH	4.87E-01	2.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Uranium-234	8.32E+02	1.7E-04	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	6.9E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	3.5E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Arsenic	1.12E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
14	10	Chromium	4.19E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	10	Neptunium-237	2.64E+00	4.9E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	10	PCB, Total	9.38E+00	1.5E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Total PAH	2.72E-01	1.4E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Uranium-234	2.42E+01	5.0E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-235	1.76E+00	2.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-238	4.09E+01	1.2E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
518	1	Carbazole	1.17E+01	1.4E-06	8.66E+00	8.66E+01	8.66E+02	<0.1	n/a	n/a	n/a	mg/kg
518	1	PCB, Total	6.30E-01	9.9E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Total PAH	3.90E+01	2.0E-03	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Uranium-238	1.51E+00	4.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Cesium-137	9.62E-01	5.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Chromium	3.17E+01	2.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	1	Neptunium-237	6.56E-01	1.2E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Thorium-230	1.13E+01	3.2E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Total PAH	3.18E-02	1.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	1	Uranium-235	1.26E-01	1.6E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Uranium-238	3.93E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	2	Chromium	6.67E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	2	Neptunium-237	7.48E-02	1.4E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	2	Total PAH	3.17E-01	1.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	2	Uranium-238	1.78E+00	5.1E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	3	Chromium	3.97E+01	2.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	3	Total PAH	1.18E-01	6.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	3	Uranium-238	1.57E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	4	Chromium	3.82E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Adult Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
520	4	Neptunium-237	7.40E-01	1.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	4	Total PAH	5.52E-01	2.8E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Uranium-235	2.42E-01	3.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
520	4	Uranium-238	6.26E+00	1.8E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	5	Chromium	3.68E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	5	Neptunium-237	1.55E-01	2.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	5	Total PAH	3.87E-01	2.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	5	Uranium-238	1.45E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
81	1	Arsenic	1.03E+01	4.4E-05	2.35E-01	2.35E+00	2.35E+01	0.1	8.04E+00	8.04E+01	2.41E+02	mg/kg
81	1	Chromium	8.62E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	PCB, Total	1.60E+02	2.5E-03	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Total PAH	5.53E-01	2.8E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	3.0	2.17E+02	2.17E+03	6.52E+03	mg/kg
81	1	Uranium-238	2.29E+00	6.6E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
153	1	PCB, Total	5.09E-01	8.0E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
153	1	Total PAH	8.69E-02	4.5E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Chromium	4.90E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
156	1	PCB, Total	3.00E-01	4.7E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Total PAH	8.26E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Uranium-238	2.19E+00	6.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
160	1	Total PAH	5.29E-02	2.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
163	1	Chromium	4.94E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
163	1	Total PAH	1.63E-01	8.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Neptunium-237	3.31E-01	6.1E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
219	1	Total PAH	7.50E-02	3.9E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Uranium-235	1.92E-01	2.4E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
219	1	Uranium-238	4.40E+00	1.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
488	1	Cesium-137	5.20E-01	3.0E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
488	1	PCB, Total	1.03E+01	1.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Total PAH	2.50E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Uranium-235	1.49E-01	1.9E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
488	1	Uranium-238	4.54E+00	1.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
1	1	PCB, Total	1.76E-01	2.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	1	Uranium-238	1.97E+00	5.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
1	1	Uranium-235	1.06E-01	1.3E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	Thorium-230	4.40E+01	1.2E-05	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Plutonium-239/240	6.14E+00	2.2E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
1	1	Cesium-137	5.91E-01	3.5E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
1	1	Neptunium-237	4.02E-01	7.4E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
1	2	Chromium	2.01E+02	1.3E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
1	2	PCB, Total	3.21E+01	5.0E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	3	PCB, Total	2.17E-01	3.4E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	3	Uranium-238	1.73E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
1	4	PCB, Total	1.30E-01	2.0E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	4	Thorium-230	5.03E+00	1.4E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
1	4	Chromium	9.30E+01	6.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
1	5	PCB, Total	2.70E-01	4.2E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
1	5	Total PAH	9.83E-02	5.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
99B	1	Uranium-238	9.45E-01	2.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	1	Chromium	3.87E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Chromium	5.96E+01	3.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	2	Uranium-238	1.42E+00	4.1E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	3	Uranium-238	1.28E+00	3.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	3	Total PAH	3.93E-02	2.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	3	Arsenic	1.46E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	3	Chromium	3.90E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Chromium	4.84E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	4	Uranium-238	1.73E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	4	Total PAH	7.30E-02	3.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	5	Total PAH	2.37E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	5	Chromium	4.58E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	5	Uranium-238	1.38E+00	4.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	6	Uranium-238	1.32E+00	3.8E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	6	Chromium	3.70E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	7	Chromium	5.32E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	8	Bis(2-ethylhexyl)phthalate	1.50E+01	1.2E-06	1.24E+01	1.24E+02	1.24E+03	<0.1	n/a	n/a	n/a	mg/kg
194	8	Uranium-238	1.39E+00	4.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	8	Total PAH	4.85E-01	2.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	8	Chromium	5.36E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	9	Chromium	5.17E+01	3.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	9	Arsenic	1.14E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	10	Cesium-137	5.81E-01	3.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
194	10	Arsenic	1.22E+01	5.2E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	10	Chromium	3.63E+01	2.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	10	Total PAH	2.57E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	10	Uranium-238	1.49E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	11	Chromium	3.27E+01	2.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	11	Total PAH	7.95E-02	4.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	11	PCB, Total	8.40E-02	1.3E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
194	12	Chromium	6.34E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	12	Total PAH	8.91E-01	4.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	13	Chromium	4.77E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	13	Total PAH	9.13E-02	4.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	14	Chromium	5.21E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	15	Chromium	5.33E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	16	Arsenic	1.15E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	16	Chromium	5.32E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Chromium	4.65E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	17	Total PAH	1.59E-01	8.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	17	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	18	Chromium	6.85E+01	4.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	18	Arsenic	1.06E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	19	Arsenic	1.07E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
194	19	Chromium	4.84E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Arsenic	1.18E+01	5.0E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
194	20	Chromium	5.24E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	20	Cobalt	2.11E+01	<1.0E-06	n/a	n/a	n/a	0.9	2.30E+00	2.30E+01	6.91E+01	mg/kg
194	20	Manganese	2.29E+03	<1.0E-06	n/a	n/a	n/a	0.4	5.34E+02	5.34E+03	1.60E+04	mg/kg
194	20	Mercury	7.28E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.35E+00	2.35E+01	7.04E+01	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
194	20	Total PAH	3.10E-02	1.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	21	Chromium	5.51E+01	3.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	Chromium	4.90E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	22	PCB, Total	1.09E+01	1.7E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
194	23	Iron	1.83E+04	<1.0E-06	n/a	n/a	n/a	0.3	5.48E+03	5.48E+04	1.64E+05	mg/kg
194	23	Chromium	6.60E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	23	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
194	24	Chromium	5.02E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	24	Total PAH	2.28E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	25	Chromium	6.13E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	25	Total PAH	2.06E-02	1.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
194	26	Chromium	4.18E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	27	Chromium	5.22E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Arsenic	1.20E+01	5.1E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
194	28	Chromium	6.07E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	28	Manganese	1.14E+03	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
194	28	Vanadium	4.06E+01	<1.0E-06	n/a	n/a	n/a	0.1	3.91E+01	3.91E+02	1.17E+03	mg/kg
194	29	Chromium	5.06E+01	3.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	30	Chromium	5.66E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
194	31	Uranium-238	1.72E+00	5.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
194	31	Cesium-137	5.70E-01	3.3E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
196	1	Chromium	1.96E+01	1.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
196	1	Neptunium-237	3.11E-01	5.8E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
196	1	Uranium-238	1.54E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
196	2	PCB, Total	1.51E+00	2.4E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Total PAH	6.80E-01	3.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
196	2	Uranium-238	2.21E+00	6.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
196	2	Chromium	2.07E+01	1.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
489	1	Chromium	4.16E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
489	1	Uranium-238	1.47E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
489	1	Total PAH	8.22E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Arsenic	4.68E+01	2.0E-04	2.35E-01	2.35E+00	2.35E+01	2.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
531	1	Chromium	5.05E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
531	1	Iron	5.68E+04	<1.0E-06	n/a	n/a	n/a	1.0	5.48E+03	5.48E+04	1.64E+05	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
531	1	Nickel	1.62E+02	<1.0E-06	n/a	n/a	n/a	0.1	1.44E+02	1.44E+03	4.33E+03	mg/kg
531	1	Total PAH	5.34E-02	2.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
531	1	Uranium	2.41E+01	<1.0E-06	n/a	n/a	n/a	0.1	2.34E+01	2.34E+02	7.01E+02	mg/kg
531	1	Uranium-235	1.38E-01	1.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
531	1	Uranium-238	3.48E+00	1.0E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
531	1	Zinc	2.45E+03	<1.0E-06	n/a	n/a	n/a	0.1	2.35E+03	2.35E+04	7.04E+04	mg/kg
200	1	Cesium-137	5.74E-01	3.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
200	1	Total PAH	2.84E-02	1.5E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
200	1	Uranium-235	1.43E-01	1.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
200	1	Chromium	5.75E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
200	1	Uranium-238	3.58E+00	1.0E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
200	1	PCB, Total	2.60E+00	4.1E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
212	1	Arsenic	1.44E+01	6.1E-05	2.35E-01	2.35E+00	2.35E+01	0.9	1.64E+00	1.64E+01	4.93E+01	mg/kg
212	1	Cesium-137	6.01E-01	3.5E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	Chromium	3.58E+01	2.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
212	1	Iron	4.14E+04	<1.0E-06	n/a	n/a	n/a	0.8	5.48E+03	5.48E+04	1.64E+05	mg/kg
212	1	Neptunium-237	4.00E+00	7.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	PCB, Total	1.80E-01	2.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
212	1	Plutonium-239/240	6.71E+00	2.4E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Thorium-230	2.60E+02	7.3E-05	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-235	2.09E-01	2.7E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
212	1	Uranium-238	3.17E+00	9.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
213	1	Chromium	4.78E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
213	1	Uranium-238	2.33E+00	6.7E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
213	1	Total PAH	1.72E-01	8.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
213	1	PCB, Total	7.30E-02	1.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
213	2	Chromium	4.48E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
215	1	Total PAH	8.09E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
215	1	Chromium	5.73E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
216	1	Uranium-238	1.33E+00	3.8E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
216	1	Chromium	2.38E+01	1.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
216	1	Total PAH	1.49E-01	7.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
217	1	Uranium-238	1.15E+00	3.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
217	1	Manganese	7.70E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.34E+02	5.34E+03	1.60E+04	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
217	1	Chromium	8.58E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
217	1	Cobalt	1.96E+01	<1.0E-06	n/a	n/a	n/a	0.8	2.30E+00	2.30E+01	6.91E+01	mg/kg
217	2	Arsenic	1.12E+01	4.7E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
217	2	Chromium	1.02E+02	6.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
217	2	Cobalt	1.74E+01	<1.0E-06	n/a	n/a	n/a	0.8	2.30E+00	2.30E+01	6.91E+01	mg/kg
217	2	Iron	3.09E+04	<1.0E-06	n/a	n/a	n/a	0.6	5.48E+03	5.48E+04	1.64E+05	mg/kg
217	2	Manganese	8.44E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
217	2	Mercury	8.59E+00	<1.0E-06	n/a	n/a	n/a	0.4	2.35E+00	2.35E+01	7.04E+01	mg/kg
217	2	Total PAH	5.05E-01	2.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Total PAH	1.02E+00	5.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Uranium-238	1.93E+00	5.6E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
221	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
221	1	Chromium	7.01E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	Chromium	4.73E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
222	1	PCB, Total	1.40E+00	2.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Total PAH	1.77E-01	9.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
222	1	Uranium-234	1.04E+01	2.2E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-235	7.10E-01	9.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
222	1	Uranium-238	1.96E+01	5.7E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
227	1	Cesium-137	1.90E-01	1.1E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	Chromium	4.71E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
227	1	Neptunium-237	9.05E-01	1.7E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	PCB, Total	4.14E+00	6.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Total PAH	3.38E-01	1.7E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
227	1	Uranium-234	1.54E+01	3.2E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-235	1.49E+00	1.9E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
227	1	Uranium-238	4.63E+01	1.3E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
227	2	Chromium	5.63E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
227	2	PCB, Total	5.82E+00	9.1E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Total PAH	1.16E-01	6.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
227	2	Uranium-238	1.57E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
228	1	Chromium	1.89E+02	1.2E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
228	1	Neptunium-237	8.00E-01	1.5E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
228	1	Total PAH	6.69E-02	3.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
228	1	Uranium-235	1.78E-01	2.3E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
228	1	Uranium-238	3.77E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
76	1	PCB, Total	2.60E-01	4.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
76	1	Uranium-238	1.45E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
76	1	Total PAH	1.76E+00	9.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Arsenic	6.35E+01	2.7E-04	2.35E-01	2.35E+00	2.35E+01	3.9	1.64E+00	1.64E+01	4.93E+01	mg/kg
165	1	Cesium-137	3.47E+00	2.0E-04	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	Chromium	3.74E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
165	1	Naphthalene	1.61E+00	1.4E-06	1.14E+00	1.14E+01	1.14E+02	<0.1	n/a	n/a	n/a	mg/kg
165	1	Neptunium-237	4.26E-01	7.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	PCB, Total	8.27E+00	1.3E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Plutonium-239/240	2.81E+00	1.0E-06	2.78E+00	2.78E+01	2.78E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Thorium-230	6.02E+00	1.7E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Total PAH	1.87E+00	9.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
165	1	Uranium	1.08E+02	<1.0E-06	n/a	n/a	n/a	0.5	2.34E+01	2.34E+02	7.01E+02	mg/kg
165	1	Uranium-234	5.76E+01	1.2E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-235	2.05E+00	2.6E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
165	1	Uranium-238	6.41E+01	1.9E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
170	1	Neptunium-237	1.15E-01	2.1E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
170	1	Uranium-238	1.53E+00	4.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
158	1	Arsenic	1.01E+01	4.3E-05	2.35E-01	2.35E+00	2.35E+01	0.6	1.64E+00	1.64E+01	4.93E+01	mg/kg
158	1	Chromium	6.07E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
158	1	Cobalt	1.62E+01	<1.0E-06	n/a	n/a	n/a	0.7	2.30E+00	2.30E+01	6.91E+01	mg/kg
158	1	Manganese	9.91E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
158	1	Mercury	1.05E+01	<1.0E-06	n/a	n/a	n/a	0.4	2.35E+00	2.35E+01	7.04E+01	mg/kg
158	1	Total PAH	3.69E-01	1.9E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
158	1	Uranium-235	1.63E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
158	1	Uranium-238	3.79E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
169	1	Aluminum	1.42E+04	<1.0E-06	n/a	n/a	n/a	0.2	7.27E+03	7.27E+04	2.18E+05	mg/kg
169	1	Arsenic	2.03E+01	8.6E-05	2.35E-01	2.35E+00	2.35E+01	1.2	1.64E+00	1.64E+01	4.93E+01	mg/kg
169	1	Chromium	2.15E+02	1.4E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
169	1	Copper	3.74E+02	<1.0E-06	n/a	n/a	n/a	0.1	3.13E+02	3.13E+03	9.39E+03	mg/kg
169	1	Iron	4.16E+04	<1.0E-06	n/a	n/a	n/a	0.8	5.48E+03	5.48E+04	1.64E+05	mg/kg
169	1	Mercury	7.87E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.35E+00	2.35E+01	7.04E+01	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
169	1	Nickel	5.49E+02	<1.0E-06	n/a	n/a	n/a	0.4	1.44E+02	1.44E+03	4.33E+03	mg/kg
169	1	PCB, Total	1.00E+01	1.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Total PAH	4.59E+00	2.4E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
169	1	Uranium	5.03E+01	<1.0E-06	n/a	n/a	n/a	0.2	2.34E+01	2.34E+02	7.01E+02	mg/kg
169	1	Uranium-234	6.55E+00	1.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-235	4.60E-01	5.8E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
169	1	Uranium-238	8.12E+00	2.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
19	1	Total PAH	5.23E+00	2.7E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Antimony	5.39E+00	<1.0E-06	n/a	n/a	n/a	0.2	3.13E+00	3.13E+01	9.39E+01	mg/kg
138	1,2	Arsenic	1.06E+01	4.5E-05	2.35E-01	2.35E+00	2.35E+01	0.6	1.64E+00	1.64E+01	4.93E+01	mg/kg
138	1,2	Cadmium	5.42E+00	<1.0E-06	n/a	n/a	n/a	0.1	4.90E+00	4.90E+01	1.47E+02	mg/kg
138	1,2	Chromium	5.39E+01	3.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Mercury	1.30E+01	<1.0E-06	n/a	n/a	n/a	0.6	2.35E+00	2.35E+01	7.04E+01	mg/kg
138	1,2	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
138	1,2	Total PAH	9.74E-02	5.0E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
180	1	Arsenic	7.48E+01	3.2E-04	2.35E-01	2.35E+00	2.35E+01	4.6	1.64E+00	1.64E+01	4.93E+01	mg/kg
180	1	Chromium	5.54E+01	3.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
180	1	Mercury	8.28E+00	<1.0E-06	n/a	n/a	n/a	0.4	2.35E+00	2.35E+01	7.04E+01	mg/kg
180	2	Arsenic	1.27E+01	5.4E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
180	2	Chromium	4.46E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<1	n/a	n/a	n/a	mg/kg
180	2	Total PAH	9.19E-02	4.7E-06	1.94E-02	1.94E-01	1.94E+00	<1	n/a	n/a	n/a	mg/kg
180	3	Arsenic	1.34E+01	5.7E-05	2.35E-01	2.35E+00	2.35E+01	<1	n/a	n/a	n/a	mg/kg
180	3	Chromium	4.69E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<1	n/a	n/a	n/a	mg/kg
180	4	Arsenic	1.15E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
180	4	Chromium	6.00E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
180	4	Iron	1.54E+04	<1.0E-06	n/a	n/a	n/a	0.3	5.47E+03	5.48E+04	1.64E+05	mg/kg
180	4	Manganese	7.09E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.34E+02	5.34E+03	1.60E+04	mg/kg
180	4	Total PAH	2.15E-02	1.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
180	4	Vanadium	4.85E+01	<1.0E-06	n/a	n/a	n/a	0.1	3.91E+01	3.91E+02	1.17E+03	mg/kg
181	1	Chromium	2.29E+01	1.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
181	1	Total PAH	3.43E-02	1.8E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	1	Chromium	6.33E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Chromium	4.52E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	2	Total PAH	2.68E-02	1.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
195	3	Chromium	5.03E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	3	Total PAH	4.06E-02	2.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	4	Chromium	5.29E+01	3.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Chromium	5.74E+01	3.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	5	Total PAH	2.40E-02	1.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	6	Chromium	4.45E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	6	Total PAH	2.48E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	7	Chromium	4.93E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Arsenic	1.16E+01	4.9E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
195	8	Chromium	6.79E+01	4.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	8	Cobalt	1.82E+01	<1.0E-06	n/a	n/a	n/a	0.8	2.30E+00	2.30E+01	6.91E+01	mg/kg
195	8	Total PAH	2.16E-01	1.1E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	8	Vanadium	4.04E+01	<1.0E-06	n/a	n/a	n/a	0.1	3.91E+01	3.91E+02	1.17E+03	mg/kg
195	9	Chromium	6.08E+01	3.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	10	Chromium	4.51E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Aluminum	2.81E+04	<1.0E-06	n/a	n/a	n/a	0.4	7.27E+03	7.27E+04	2.18E+05	mg/kg
195	11	Arsenic	1.35E+01	5.7E-05	2.35E-01	2.35E+00	2.35E+01	0.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
195	11	Chromium	5.05E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	11	Cobalt	2.77E+01	<1.0E-06	n/a	n/a	n/a	1.2	2.30E+00	2.30E+01	6.91E+01	mg/kg
195	11	Iron	1.97E+04	<1.0E-06	n/a	n/a	n/a	0.4	5.47E+03	5.48E+04	1.64E+05	mg/kg
195	11	Thallium	6.60E-01	<1.0E-06	n/a	n/a	n/a	0.1	6.26E-01	6.26E+00	1.88E+01	mg/kg
195	11	Vanadium	7.97E+01	<1.0E-06	n/a	n/a	n/a	0.2	3.91E+01	3.91E+02	1.17E+03	mg/kg
195	12	Chromium	7.04E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	13	Chromium	6.55E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	14	Chromium	5.94E+01	3.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	15	Chromium	4.82E+01	3.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	16	Chromium	4.45E+01	2.9E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	Chromium	8.22E+01	5.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
195	17	PCB, Total	7.40E-01	1.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Total PAH	3.16E-01	1.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
195	17	Uranium-235	1.32E-01	1.7E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
195	17	Uranium-238	2.48E+00	7.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
486	1	Cesium-137	1.71E+00	1.0E-04	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
487	1	Cesium-137	1.38E+00	8.1E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
492	1	Arsenic	1.47E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	0.9	1.64E+00	1.64E+01	4.93E+01	mg/kg
492	1	Chromium	1.04E+03	6.7E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
492	1	Neptunium-237	2.09E-01	3.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
492	1	PCB, Total	4.41E+01	6.9E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
492	1	Uranium	1.77E+03	<1.0E-06	n/a	n/a	n/a	7.6	2.34E+01	2.34E+02	7.01E+02	mg/kg
492	1	Uranium-234	5.39E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-235	5.72E+00	7.3E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
492	1	Uranium-238	3.83E+02	1.1E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
492	1	Vanadium	4.32E+01	<1.0E-06	n/a	n/a	n/a	0.1	3.91E+01	3.91E+02	1.17E+03	mg/kg
493	1	Aluminum	1.44E+04	<1.0E-06	n/a	n/a	n/a	0.2	7.27E+03	7.27E+04	2.18E+05	mg/kg
493	1	Chromium	6.61E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
493	1	Cobalt	3.79E+01	<1.0E-06	n/a	n/a	n/a	1.6	2.30E+00	2.30E+01	6.91E+01	mg/kg
493	1	Manganese	3.55E+03	<1.0E-06	n/a	n/a	n/a	0.7	5.34E+02	5.34E+03	1.60E+04	mg/kg
493	1	Neptunium-237	1.22E-01	2.3E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
493	1	Nickel	2.13E+02	<1.0E-06	n/a	n/a	n/a	0.1	1.44E+02	1.44E+03	4.33E+03	mg/kg
493	1	PCB, Total	2.60E-01	4.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Total PAH	5.00E-01	2.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
493	1	Uranium-235	1.65E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
493	1	Uranium-238	5.50E+00	1.6E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
493	1	Vanadium	4.05E+01	<1.0E-06	n/a	n/a	n/a	0.1	3.91E+01	3.91E+02	1.17E+03	mg/kg
517	1	Chromium	4.91E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
517	1	Neptunium-237	1.07E+00	2.0E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
517	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
517	1	Uranium-235	1.60E-01	2.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
517	1	Uranium-238	3.89E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
541	1	Aluminum	1.43E+04	<1.0E-06	n/a	n/a	n/a	0.2	7.27E+03	7.27E+04	2.18E+05	mg/kg
541	1	Cesium-137	9.58E-01	5.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
541	1	Chromium	8.24E+02	5.3E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
541	1	Iron	1.60E+04	<1.0E-06	n/a	n/a	n/a	0.3	5.48E+03	5.48E+04	1.64E+05	mg/kg
541	1	PCB, Total	6.06E+01	9.5E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Total PAH	2.33E+00	1.2E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
541	1	Uranium	6.38E+03	<1.0E-06	n/a	n/a	n/a	27.3	2.34E+01	2.34E+02	7.01E+02	mg/kg
541	1	Uranium-234	1.43E+02	3.0E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
541	1	Uranium-235	1.76E+01	2.2E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
541	1	Uranium-238	1.00E+03	2.9E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
561	1	Arsenic	1.66E+01	7.0E-05	2.35E-01	2.35E+00	2.35E+01	1.0	1.64E+00	1.64E+01	4.93E+01	mg/kg
561	1	Chromium	8.58E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
561	1	Cobalt	1.07E+01	<1.0E-06	n/a	n/a	n/a	0.5	2.30E+00	2.30E+01	6.91E+01	mg/kg
561	1	Iron	2.05E+04	<1.0E-06	n/a	n/a	n/a	0.4	5.47E+03	5.48E+04	1.64E+05	mg/kg
561	1	Manganese	1.61E+03	<1.0E-06	n/a	n/a	n/a	0.3	5.34E+02	5.34E+03	1.60E+04	mg/kg
561	1	PCB, Total	1.04E+00	1.6E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Total PAH	3.94E-01	2.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
561	1	Uranium	2.65E+02	<1.0E-06	n/a	n/a	n/a	1.1	2.34E+01	2.34E+02	7.01E+02	mg/kg
561	1	Uranium-234	7.84E+00	1.6E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-235	1.37E+00	1.7E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
561	1	Uranium-238	1.07E+02	3.1E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
561	2	Antimony	5.33E+00	<1.0E-06	n/a	n/a	n/a	0.2	3.13E+00	3.13E+01	9.39E+01	mg/kg
561	2	Arsenic	1.30E+01	5.5E-05	2.35E-01	2.35E+00	2.35E+01	0.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
561	2	Cesium-137	4.09E-01	2.4E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
561	2	Chromium	2.88E+02	1.9E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
561	2	Cobalt	1.14E+01	<1.0E-06	n/a	n/a	n/a	0.5	2.30E+00	2.30E+01	6.91E+01	mg/kg
561	2	Manganese	1.12E+03	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
561	2	PCB, Total	1.64E+01	2.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Total PAH	2.43E+00	1.3E-04	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
561	2	Uranium	1.38E+03	<1.0E-06	n/a	n/a	n/a	5.9	2.34E+01	2.34E+02	7.01E+02	mg/kg
561	2	Uranium-234	4.06E+01	8.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-235	7.09E+00	9.0E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
561	2	Uranium-238	4.00E+02	1.2E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	1	Uranium-238	2.73E+00	7.9E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	2	PCB, Total	1.58E+00	2.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	2	Uranium-234	5.34E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-235	8.96E+00	1.1E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	2	Uranium-238	5.81E+02	1.7E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	3	Chromium	3.82E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	3	PCB, Total	2.40E-01	3.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Total PAH	2.20E-01	1.1E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
562	3	Uranium-235	1.63E-01	2.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	3	Uranium-238	1.09E+01	3.2E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
562	4	Chromium	4.67E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	4	Uranium-238	2.24E+00	6.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	5	Chromium	1.53E+02	9.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
562	5	PCB, Total	9.50E-01	1.5E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Total PAH	7.05E-02	3.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
562	5	Uranium-234	8.57E+00	1.8E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-235	9.50E-01	1.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	5	Uranium-238	6.24E+01	1.8E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-234	4.01E+01	8.3E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-235	6.81E+00	8.7E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
562	6	Uranium-238	3.62E+02	1.0E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
563	1	Chromium	2.85E+02	1.8E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
563	1	PCB, Total	7.40E-01	1.2E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
563	1	Uranium-238	2.76E+00	8.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
563	2	Cesium-137	6.47E-01	3.8E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
563	2	Uranium-238	1.49E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
564	1	Arsenic	4.30E+01	1.8E-04	2.35E-01	2.35E+00	2.35E+01	2.6	1.64E+00	1.64E+01	4.93E+01	mg/kg
564	1	Cesium-137	6.20E-01	3.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
564	1	Chromium	7.49E+01	4.8E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
564	1	Iron	3.66E+04	<1.0E-06	n/a	n/a	n/a	0.7	5.47E+03	5.48E+04	1.64E+05	mg/kg
564	1	PCB, Total	1.93E+00	3.0E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
564	1	Thallium	2.36E+00	<1.0E-06	n/a	n/a	n/a	0.4	6.26E-01	6.26E+00	1.88E+01	mg/kg
564	1	Thorium-230	5.01E+00	1.4E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium	5.83E+01	<1.0E-06	n/a	n/a	n/a	0.2	2.34E+01	2.34E+02	7.01E+02	mg/kg
564	1	Uranium-234	6.93E+00	1.4E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-235	3.87E-01	4.9E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
564	1	Uranium-238	8.33E+00	2.4E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
564	1	Vanadium	8.06E+01	<1.0E-06	n/a	n/a	n/a	0.2	3.91E+01	3.91E+02	1.17E+03	mg/kg
567	3	Chromium	3.79E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
567	4	Chromium	1.63E+01	1.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
567	4	Uranium-238	1.05E+00	3.0E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	1	Americium-241	1.27E+00	1.2E-06	1.09E+00	1.09E+01	1.09E+02	n/a	n/a	n/a	n/a	pCi/g
14	1	Arsenic	1.10E+01	4.7E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	1	Chromium	6.36E+01	4.1E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	1	Iron	1.89E+04	<1.0E-06	n/a	n/a	n/a	0.3	5.47E+03	5.48E+04	1.64E+05	mg/kg
14	1	Neptunium-237	2.14E-01	4.0E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	1	PCB, Total	5.00E-01	7.8E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	1	Technetium-99	4.06E+02	4.7E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	1	Uranium	7.21E+01	<1.0E-06	n/a	n/a	n/a	0.3	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	1	Uranium-238	1.69E+00	4.9E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	2	Antimony	3.70E+00	<1.0E-06	n/a	n/a	n/a	0.1	3.13E+00	3.13E+01	9.39E+01	mg/kg
14	2	Arsenic	1.45E+01	6.2E-05	2.35E-01	2.35E+00	2.35E+01	0.9	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	2	Chromium	6.65E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	2	Iron	3.72E+04	<1.0E-06	n/a	n/a	n/a	0.7	5.47E+03	5.48E+04	1.64E+05	mg/kg
14	2	Manganese	1.44E+03	<1.0E-06	n/a	n/a	n/a	0.3	5.34E+02	5.34E+03	1.60E+04	mg/kg
14	2	Neptunium-237	7.70E-01	1.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	2	Nickel	6.78E+02	<1.0E-06	n/a	n/a	n/a	0.5	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	2	PCB, Total	3.90E-01	6.1E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Thorium-230	5.98E+00	1.7E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Total PAH	3.38E-01	1.7E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	2	Uranium	2.93E+02	<1.0E-06	n/a	n/a	n/a	1.3	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	2	Uranium-234	3.24E+01	6.7E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-235	2.00E+00	2.5E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	2	Uranium-238	5.61E+01	1.6E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	3	Arsenic	1.30E+01	5.5E-05	2.35E-01	2.35E+00	2.35E+01	0.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	3	Chromium	7.01E+01	4.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	3	Iron	3.48E+04	<1.0E-06	n/a	n/a	n/a	0.6	5.47E+03	5.48E+04	1.64E+05	mg/kg
14	3	Manganese	1.06E+03	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
14	3	Mercury	7.48E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.35E+00	2.35E+01	7.04E+01	mg/kg
14	3	Nickel	5.76E+02	<1.0E-06	n/a	n/a	n/a	0.4	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	3	PCB, Total	8.65E+00	1.4E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	3	Uranium	2.18E+02	<1.0E-06	n/a	n/a	n/a	0.9	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	3	Uranium-238	1.50E+00	4.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	4	Antimony	4.30E+00	<1.0E-06	n/a	n/a	n/a	0.1	3.13E+00	3.13E+01	9.39E+01	mg/kg
14	4	Arsenic	1.33E+01	5.6E-05	2.35E-01	2.35E+00	2.35E+01	0.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	4	Chromium	7.20E+01	4.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	4	Copper	3.54E+02	<1.0E-06	n/a	n/a	n/a	0.1	3.13E+02	3.13E+03	9.39E+03	mg/kg
14	4	Iron	3.88E+04	<1.0E-06	n/a	n/a	n/a	0.7	5.47E+03	5.48E+04	1.64E+05	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	4	Neptunium-237	2.68E+00	5.0E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	4	Nickel	7.31E+02	<1.0E-06	n/a	n/a	n/a	0.5	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	4	PCB, Total	6.61E+00	1.0E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Thorium-230	8.33E+00	2.3E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Total PAH	2.51E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	4	Uranium	3.72E+02	<1.0E-06	n/a	n/a	n/a	1.6	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	4	Uranium-234	1.13E+02	2.3E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-235	8.00E+00	1.0E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	4	Uranium-238	1.69E+02	4.9E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	5	Arsenic	1.31E+01	5.6E-05	2.35E-01	2.35E+00	2.35E+01	0.8	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	5	Chromium	4.70E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	5	Cobalt	1.40E+01	<1.0E-06	n/a	n/a	n/a	0.6	2.30E+00	2.30E+01	6.91E+01	mg/kg
14	5	Iron	3.92E+04	<1.0E-06	n/a	n/a	n/a	0.7	5.47E+03	5.48E+04	1.64E+05	mg/kg
14	5	Manganese	8.28E+02	<1.0E-06	n/a	n/a	n/a	0.2	5.34E+02	5.34E+03	1.60E+04	mg/kg
14	5	Mercury	1.09E+01	<1.0E-06	n/a	n/a	n/a	0.5	2.35E+00	2.35E+01	7.04E+01	mg/kg
14	5	Neptunium-237	1.74E+00	3.2E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	5	Nickel	4.61E+02	<1.0E-06	n/a	n/a	n/a	0.3	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	5	PCB, Total	1.00E+00	1.6E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Technetium-99	1.01E+02	1.2E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	5	Thorium-230	1.39E+01	3.9E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Total PAH	1.21E-01	6.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	5	Uranium	2.62E+02	<1.0E-06	n/a	n/a	n/a	1.1	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	5	Uranium-234	5.22E+01	1.1E-05	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-235	3.33E+00	4.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	5	Uranium-238	9.42E+01	2.7E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	6	Chromium	4.46E+02	2.9E-05	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	6	Neptunium-237	2.65E+00	4.9E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	6	Nickel	9.63E+02	<1.0E-06	n/a	n/a	n/a	0.7	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	6	PCB, Total	5.00E+00	7.8E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	6	Uranium	5.79E+02	<1.0E-06	n/a	n/a	n/a	2.5	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	6	Uranium-234	3.41E+01	7.1E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-235	2.27E+00	2.9E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	6	Uranium-238	5.08E+01	1.5E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	7	Arsenic	1.13E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	7	Chromium	6.46E+01	4.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	7	Mercury	7.82E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.35E+00	2.35E+01	7.04E+01	mg/kg
14	7	Neptunium-237	1.49E+00	2.8E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	7	Nickel	1.22E+03	<1.0E-06	n/a	n/a	n/a	0.8	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	7	PCB, Total	7.60E+00	1.2E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Total PAH	6.31E-02	3.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	7	Uranium	3.33E+02	<1.0E-06	n/a	n/a	n/a	1.4	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	7	Uranium-234	1.28E+01	2.7E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-235	9.60E-01	1.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	7	Uranium-238	2.13E+01	6.2E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	8	Arsenic	1.14E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	8	Chromium	4.60E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	8	Mercury	7.90E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.35E+00	2.35E+01	7.04E+01	mg/kg
14	8	Neptunium-237	8.80E-01	1.6E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	8	Nickel	6.73E+02	<1.0E-06	n/a	n/a	n/a	0.5	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	8	PCB, Total	5.00E+00	7.8E-05	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Total PAH	6.28E-02	3.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	8	Uranium	3.35E+02	<1.0E-06	n/a	n/a	n/a	1.4	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	8	Uranium-235	2.38E-01	3.0E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	8	Uranium-238	5.92E+00	1.7E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	9	Arsenic	1.40E+01	6.0E-05	2.35E-01	2.35E+00	2.35E+01	0.9	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	9	Cesium-137	4.53E-01	2.7E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Chromium	4.64E+01	3.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
14	9	Neptunium-237	1.09E+01	2.0E-04	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Nickel	9.43E+02	<1.0E-06	n/a	n/a	n/a	0.7	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	9	PCB, Total	6.84E+00	1.1E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Technetium-99	1.96E+02	2.3E-06	8.67E+01	8.67E+02	8.67E+03	n/a	n/a	n/a	n/a	pCi/g
14	9	Total PAH	4.87E-01	2.5E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	9	Uranium	1.46E+03	<1.0E-06	n/a	n/a	n/a	6.3	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	9	Uranium-234	8.32E+02	1.7E-04	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-235	5.46E+01	6.9E-04	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	9	Uranium-238	1.20E+03	3.5E-03	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
14	10	Arsenic	1.12E+01	4.8E-05	2.35E-01	2.35E+00	2.35E+01	0.7	1.64E+00	1.64E+01	4.93E+01	mg/kg
14	10	Chromium	4.19E+01	2.7E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
14	10	Iron	2.75E+04	<1.0E-06	n/a	n/a	n/a	0.5	5.47E+03	5.47E+04	1.64E+05	mg/kg
14	10	Mercury	2.51E+01	<1.0E-06	n/a	n/a	n/a	1.1	2.35E+00	2.35E+01	7.04E+01	mg/kg
14	10	Neptunium-237	2.64E+00	4.9E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
14	10	Nickel	6.00E+02	<1.0E-06	n/a	n/a	n/a	0.4	1.44E+02	1.44E+03	4.33E+03	mg/kg
14	10	PCB, Total	9.38E+00	1.5E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Total PAH	2.72E-01	1.4E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
14	10	Uranium	2.88E+02	<1.0E-06	n/a	n/a	n/a	1.2	2.34E+01	2.34E+02	7.01E+02	mg/kg
14	10	Uranium-234	2.42E+01	5.0E-06	4.82E+00	4.82E+01	4.82E+02	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-235	1.76E+00	2.2E-05	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
14	10	Uranium-238	4.09E+01	1.2E-04	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
518	1	Carbazole	1.17E+01	1.4E-06	8.66E+00	8.66E+01	8.66E+02	<0.1	n/a	n/a	n/a	mg/kg
518	1	Cobalt	6.80E+00	<1.0E-06	n/a	n/a	n/a	0.3	2.30E+00	2.30E+01	6.91E+01	mg/kg
518	1	PCB, Total	6.30E-01	9.9E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Total PAH	3.90E+01	2.0E-03	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
518	1	Uranium	2.17E+02	<1.0E-06	n/a	n/a	n/a	0.9	2.34E+01	2.34E+02	7.01E+02	mg/kg
518	1	Uranium-238	1.51E+00	4.4E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	1	Cesium-137	9.62E-01	5.6E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Chromium	3.17E+01	2.0E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	1	Iron	1.56E+04	<1.0E-06	n/a	n/a	n/a	0.3	5.47E+03	5.48E+04	1.64E+05	mg/kg
520	1	Mercury	1.07E+01	<1.0E-06	n/a	n/a	n/a	0.5	2.35E+00	2.35E+01	7.04E+01	mg/kg
520	1	Neptunium-237	6.56E-01	1.2E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Nickel	2.60E+02	<1.0E-06	n/a	n/a	n/a	0.2	1.44E+02	1.44E+03	4.33E+03	mg/kg
520	1	Thorium-230	1.13E+01	3.2E-06	3.57E+00	3.57E+01	3.57E+02	n/a	n/a	n/a	n/a	pCi/g
520	1	Total PAH	3.18E-02	1.6E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	1	Uranium-235	1.26E-01	1.6E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
520	1	Uranium-238	3.93E+00	1.1E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	2	Chromium	6.67E+01	4.3E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	2	Manganese	5.89E+02	<1.0E-06	n/a	n/a	n/a	0.1	5.34E+02	5.34E+03	1.60E+04	mg/kg
520	2	Mercury	1.19E+01	<1.0E-06	n/a	n/a	n/a	0.5	2.35E+00	2.35E+01	7.04E+01	mg/kg
520	2	Neptunium-237	7.48E-02	1.4E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	2	Nickel	3.11E+02	<1.0E-06	n/a	n/a	n/a	0.2	1.44E+02	1.44E+03	4.33E+03	mg/kg
520	2	Total PAH	3.17E-01	1.6E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	2	Uranium	3.96E+01	<1.0E-06	n/a	n/a	n/a	0.2	2.34E+01	2.34E+02	7.01E+02	mg/kg
520	2	Uranium-238	1.78E+00	5.1E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
520	3	Chromium	3.97E+01	2.6E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	3	Nickel	2.65E+02	<1.0E-06	n/a	n/a	n/a	<1	n/a	n/a	n/a	mg/kg
520	3	Total PAH	1.18E-01	6.1E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	3	Uranium-238	1.57E+00	4.5E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	4	Chromium	3.82E+01	2.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	4	Neptunium-237	7.40E-01	1.4E-05	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	4	Total PAH	5.52E-01	2.8E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	4	Uranium-235	2.42E-01	3.1E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
520	4	Uranium-238	6.26E+00	1.8E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
520	5	Chromium	3.68E+01	2.4E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
520	5	Neptunium-237	1.55E-01	2.9E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g
520	5	Total PAH	3.87E-01	2.0E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
520	5	Uranium-238	1.45E+00	4.2E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
81	1	Aluminum	9.57E+03	<1.0E-06	n/a	n/a	n/a	0.1	7.27E+03	7.27E+04	2.18E+05	mg/kg
81	1	Arsenic	1.03E+01	4.4E-05	2.35E-01	2.35E+00	2.35E+01	0.6	1.64E+00	1.64E+01	4.93E+01	mg/kg
81	1	Chromium	8.62E+01	5.5E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
81	1	Mercury	8.33E+00	<1.0E-06	n/a	n/a	n/a	0.4	2.35E+00	2.35E+01	7.04E+01	mg/kg
81	1	PCB, Total	1.60E+02	2.5E-03	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Total PAH	5.53E-01	2.8E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
81	1	Uranium	6.50E+03	<1.0E-06	n/a	n/a	n/a	27.8	2.34E+01	2.34E+02	7.01E+02	mg/kg
81	1	Uranium-238	2.29E+00	6.6E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
153	1	Total PAH	8.69E-02	4.5E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
153	1	PCB, Total	5.09E-01	8.0E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Chromium	4.90E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
156	1	Manganese	2.83E+03	<1.0E-06	n/a	n/a	n/a	0.5	5.34E+02	5.34E+03	1.60E+04	mg/kg
156	1	Mercury	9.87E+00	<1.0E-06	n/a	n/a	n/a	0.4	2.35E+00	2.35E+01	7.04E+01	mg/kg
156	1	PCB, Total	3.00E-01	4.7E-06	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Total PAH	8.26E-02	4.2E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
156	1	Uranium-238	2.19E+00	6.3E-06	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
160	1	Total PAH	5.29E-02	2.7E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
163	1	Chromium	4.94E+01	3.2E-06	1.55E+01	1.55E+02	1.55E+03	<0.1	n/a	n/a	n/a	mg/kg
163	1	Total PAH	1.63E-01	8.4E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Total PAH	7.50E-02	3.9E-06	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
219	1	Neptunium-237	3.31E-01	6.1E-06	5.40E-02	5.40E-01	5.40E+00	n/a	n/a	n/a	n/a	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Hypothetical Child Residential User Soil Exposure

SWMU	EU	COC	EPC	ELCR	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	Units
219	1	Uranium-235	1.92E-01	2.4E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
219	1	Uranium-238	4.40E+00	1.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g
488	1	Cesium-137	5.20E-01	3.0E-05	1.71E-02	1.71E-01	1.71E+00	n/a	n/a	n/a	n/a	pCi/g
488	1	PCB, Total	1.03E+01	1.6E-04	6.38E-02	6.38E-01	6.38E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Total PAH	2.50E-01	1.3E-05	1.94E-02	1.94E-01	1.94E+00	<0.1	n/a	n/a	n/a	mg/kg
488	1	Uranium-235	1.49E-01	1.9E-06	7.87E-02	7.87E-01	7.87E+00	n/a	n/a	n/a	n/a	pCi/g
488	1	Uranium-238	4.54E+00	1.3E-05	3.46E-01	3.46E+00	3.46E+01	n/a	n/a	n/a	n/a	pCi/g

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COC = contaminant of concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
1	1	Cesium-137	5.91E-01	1.4E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
1	2	Chromium	2.01E+02	1.2E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
1	2	PCB, Total	3.21E+01	1.1E-04	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
1	5	Total PAH	9.83E-02	1.1E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	3	Arsenic	1.46E+01	8.3E-06	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	8	Total PAH	4.85E-01	5.4E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	9	Arsenic	1.14E+01	6.4E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	10	Arsenic	1.22E+01	6.9E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	10	Cesium-137	5.81E-01	1.4E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
194	10	Total PAH	2.57E-01	2.9E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	12	Total PAH	8.91E-01	9.9E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	13	Total PAH	9.13E-02	1.0E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	16	Arsenic	1.15E+01	6.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	17	Arsenic	1.16E+01	6.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	17	Total PAH	1.59E-01	1.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
194	18	Arsenic	1.06E+01	6.0E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	19	Arsenic	1.07E+01	6.0E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	20	Arsenic	1.18E+01	6.7E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	22	PCB, Total	1.09E+01	3.7E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
194	23	Arsenic	1.16E+01	6.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	28	Arsenic	1.20E+01	6.8E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
194	31	Cesium-137	5.70E-01	1.4E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
196	2	PCB, Total	1.51E+00	5.1E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
196	2	Total PAH	6.80E-01	7.6E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
531	1	Arsenic	4.68E+01	2.6E-05	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
200	1	Cesium-137	5.74E-01	1.4E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
200	1	PCB, Total	2.60E+00	8.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
212	1	Arsenic	1.44E+01	8.1E-06	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
212	1	Cesium-137	6.01E-01	1.5E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
212	1	Neptunium-237	4.00E+00	3.1E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
212	1	Thorium-230	2.60E+02	2.2E-06	n/a	n/a	n/a	n/a	1.18E+02	1.18E+03	1.18E+04	pCi/g
213	1	Total PAH	1.72E-01	1.9E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
216	1	Total PAH	1.49E-01	1.7E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
217	2	Arsenic	1.12E+01	6.3E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
217	2	Total PAH	5.05E-01	5.6E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
221	1	PCB, Total	5.00E-01	1.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
221	1	Total PAH	1.02E+00	1.1E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
222	1	PCB, Total	1.40E+00	4.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
222	1	Total PAH	1.77E-01	2.0E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
222	1	Uranium-238	1.96E+01	2.3E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
227	1	PCB, Total	4.14E+00	1.4E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
227	1	Total PAH	3.38E-01	3.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
227	1	Uranium-238	4.63E+01	5.4E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
227	2	PCB, Total	5.82E+00	1.9E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
227	2	Total PAH	1.16E-01	1.3E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
228	1	Chromium	1.89E+02	1.1E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
76	1	Total PAH	1.76E+00	2.0E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
165	1	Arsenic	6.35E+01	3.6E-05	0.5	1.36E+01	1.36E+02	4.09E+02	1.77E+00	1.77E+01	1.77E+02	mg/kg
165	1	Cesium-137	3.47E+00	8.5E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
165	1	PCB, Total	8.27E+00	2.8E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
165	1	Total PAH	1.87E+00	2.1E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
165	1	Uranium-235	2.05E+00	1.1E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
165	1	Uranium-238	6.41E+01	7.5E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
158	1	Arsenic	1.01E+01	5.7E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
158	1	Total PAH	3.69E-01	4.1E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
169	1	Arsenic	2.03E+01	1.1E-05	0.1	1.36E+01	1.36E+02	4.09E+02	1.77E+00	1.77E+01	1.77E+02	mg/kg
169	1	Chromium	2.15E+02	1.3E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
169	1	PCB, Total	1.00E+01	3.3E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
169	1	Total PAH	4.59E+00	5.1E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
19	1	Total PAH	5.23E+00	5.8E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
138	1	Arsenic	1.06E+01	6.0E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
138	1	PCB, Total	5.00E-01	1.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
138	1	Total PAH	9.74E-02	1.1E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
180	1	Arsenic	7.48E+01	4.2E-05	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
180	2	Arsenic	1.27E+01	7.1E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
180	2	Total PAH	9.19E-02	1.0E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
180	3	Arsenic	1.34E+01	7.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
180	4	Arsenic	1.15E+01	6.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
195	6	Total PAH	2.48E-01	2.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
195	8	Arsenic	1.16E+01	6.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
195	8	Total PAH	2.16E-01	2.4E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
195	11	Arsenic	1.35E+01	7.6E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
195	17	PCB, Total	7.40E-01	2.5E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
195	17	Total PAH	3.16E-01	3.5E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
486	1	Cesium-137	1.71E+00	4.2E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
487	1	Cesium-137	1.38E+00	3.4E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
492	1	Arsenic	1.47E+01	8.3E-06	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
492	1	Chromium	1.04E+03	6.3E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
492	1	PCB, Total	4.41E+01	1.5E-04	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
492	1	Uranium-235	5.72E+00	3.0E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
492	1	Uranium-238	3.83E+02	4.5E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
493	1	Total PAH	5.00E-01	5.6E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
517	1	PCB, Total	5.00E-01	1.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
541	1	Cesium-137	9.58E-01	2.3E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
541	1	Chromium	8.24E+02	5.0E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
541	1	PCB, Total	6.06E+01	2.0E-04	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
541	1	Total PAH	2.33E+00	2.6E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
541	1	Uranium-235	1.76E+01	9.2E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
541	1	Uranium-238	1.00E+03	1.2E-04	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
561	1	Arsenic	1.66E+01	9.3E-06	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
561	1	PCB, Total	1.04E+00	3.5E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
561	1	Total PAH	3.94E-01	4.4E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
561	1	Uranium-238	1.07E+02	1.2E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
561	2	Arsenic	1.30E+01	7.3E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
561	2	Chromium	2.88E+02	1.7E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
561	2	PCB, Total	1.64E+01	5.5E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
561	2	Total PAH	2.43E+00	2.7E-05	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
561	2	Uranium-235	7.09E+00	3.7E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
561	2	Uranium-238	4.00E+02	4.7E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
562	2	PCB, Total	1.58E+00	5.3E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
562	2	Uranium-235	8.96E+00	4.7E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
562	2	Uranium-238	5.81E+02	6.8E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
562	3	Total PAH	2.20E-01	2.4E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
562	3	Uranium-238	1.09E+01	1.3E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
562	5	PCB, Total	9.50E-01	3.2E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
562	5	Uranium-238	6.24E+01	7.3E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
562	6	Uranium-235	6.81E+00	3.6E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
562	6	Uranium-238	3.62E+02	4.2E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
563	1	Chromium	2.85E+02	1.7E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
563	1	PCB, Total	7.40E-01	2.5E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
563	2	Cesium-137	6.47E-01	1.6E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
564	1	Arsenic	4.30E+01	2.4E-05	<1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
564	1	Cesium-137	6.20E-01	1.5E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
564	1	PCB, Total	1.93E+00	6.5E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	1	Arsenic	1.10E+01	6.2E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	1	PCB, Total	5.00E-01	1.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	2	Arsenic	1.45E+01	8.2E-06	0.1	1.36E+01	1.36E+02	4.09E+02	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	2	PCB, Total	3.90E-01	1.3E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	2	Total PAH	3.38E-01	3.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
14	2	Uranium-235	2.00E+00	1.1E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
14	2	Uranium-238	5.61E+01	6.6E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	3	Arsenic	1.30E+01	7.3E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	3	PCB, Total	8.65E+00	2.9E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	4	Arsenic	1.33E+01	7.5E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	4	Neptunium-237	2.68E+00	2.1E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
14	4	PCB, Total	6.61E+00	2.2E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	4	Total PAH	2.51E-01	2.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
14	4	Uranium-235	8.00E+00	4.2E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
14	4	Uranium-238	1.69E+02	2.0E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	5	Arsenic	1.31E+01	7.4E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	5	Neptunium-237	1.74E+00	1.3E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
14	5	PCB, Total	1.00E+00	3.3E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	5	Total PAH	1.21E-01	1.3E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
14	5	Uranium-235	3.33E+00	1.8E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
14	5	Uranium-238	9.42E+01	1.1E-05	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	6	Chromium	4.46E+02	2.7E-06	<0.1	n/a	n/a	n/a	1.65E+02	1.65E+03	1.65E+04	mg/kg
14	6	Neptunium-237	2.65E+00	2.0E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
14	6	PCB, Total	5.00E+00	1.7E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	6	Uranium-235	2.27E+00	1.2E-06	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
14	6	Uranium-238	5.08E+01	5.9E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	7	Arsenic	1.13E+01	6.4E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	7	Neptunium-237	1.49E+00	1.1E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
14	7	PCB, Total	7.60E+00	2.5E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	7	Uranium-238	2.13E+01	2.5E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	8	Arsenic	1.14E+01	6.4E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	8	PCB, Total	5.00E+00	1.7E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	9	Arsenic	1.40E+01	7.9E-06	0.1	1.36E+01	1.36E+02	4.09E+02	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	9	Cesium-137	4.53E-01	1.1E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
14	9	Neptunium-237	1.09E+01	8.4E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
14	9	PCB, Total	6.84E+00	2.3E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	9	Total PAH	4.87E-01	5.4E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
14	9	Uranium-234	8.32E+02	5.0E-06	n/a	n/a	n/a	n/a	1.66E+02	1.66E+03	1.66E+04	pCi/g
14	9	Uranium-235	5.46E+01	2.9E-05	n/a	n/a	n/a	n/a	1.90E+00	1.90E+01	1.90E+02	pCi/g
14	9	Uranium-238	1.20E+03	1.4E-04	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
14	10	Arsenic	1.12E+01	6.3E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
14	10	Neptunium-237	2.64E+00	2.0E-06	n/a	n/a	n/a	n/a	1.30E+00	1.30E+01	1.30E+02	pCi/g
14	10	PCB, Total	9.38E+00	3.1E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
14	10	Total PAH	2.72E-01	3.0E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
14	10	Uranium-238	4.09E+01	4.8E-06	n/a	n/a	n/a	n/a	8.56E+00	8.56E+01	8.56E+02	pCi/g
518	1	PCB, Total	6.30E-01	2.1E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
518	1	Total PAH	3.90E+01	4.3E-04	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
520	1	Cesium-137	9.62E-01	2.3E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
520	2	Total PAH	3.17E-01	3.5E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
520	3	Total PAH	1.18E-01	1.3E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option

Table D.41. RGOs for the Soils OU SWMUs (Continued)

Teen Recreational User Soil Exposure

SWMU	EU	COC	EPC	ELCR	HI	RGO at HI=0.1	RGO at HI=1	RGO at HI=3	RGO at ELCR=1E-6	RGO at ELCR=1E-5	RGO at ELCR=1E-4	Units
520	4	Total PAH	5.52E-01	6.1E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
520	5	Total PAH	3.87E-01	4.3E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
81	1	Arsenic	1.03E+01	5.8E-06	<0.1	n/a	n/a	n/a	1.77E+00	1.77E+01	1.77E+02	mg/kg
81	1	PCB, Total	1.60E+02	5.3E-04	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
81	1	Total PAH	5.53E-01	6.1E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
153	1	PCB, Total	5.09E-01	1.7E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
156	1	PCB, Total	3.00E-01	1.0E-06	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
163	1	Total PAH	1.63E-01	1.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg
488	1	Cesium-137	5.20E-01	1.3E-06	n/a	n/a	n/a	n/a	4.10E-01	4.10E+00	4.10E+01	pCi/g
488	1	PCB, Total	1.03E+01	3.4E-05	<0.1	n/a	n/a	n/a	2.99E-01	2.99E+00	2.99E+01	mg/kg
488	1	Total PAH	2.50E-01	2.8E-06	<0.1	n/a	n/a	n/a	8.99E-02	8.99E-01	8.99E+00	mg/kg

Grayed cells indicate EPC value is higher than RGO value or an RGO value is not applicable.

n/a = Not applicable because the COC was not applicable (i.e., the COC was of concern for HI but not ELCR or it was of concern for ELCR by not HI).

SWMU = solid waste management unit
EU = exposure unit
COPC = chemical of potential concern
EPC = exposure point concentration
ELCR = excess lifetime cancer risk
HI = hazard index
RGO = remedial goal option