Chemical Name	Appendix B SRAM-based Suburban Residential RBSL Garden (mg/kg)	Appendix K Scenario 3 Suburban Residential Garden + CHGP 100% (mg/kg)	How Many Times Higher (Less Protective) is App. K Scenario 3 than App. B 100%?
Benzo(a)pyrene	0.00008	0.002	24.7
Benzo(k)fluoroanthene	0.0008	0.02	24.7
bis(2-Ethylhexyl) phthalate	0.326	7	21.5
4,4'-DDE	0.0029	0.06	20.9
4,4'-DDT	0.0029	0.06	20.9
Mirex	0.000054	0.0011	20.3
Dibenzo(a,h)anthracene	0.00024	0.0048	20.2
Indeno(1,2,3-cd)pyrene	0.00081	0.016	19.7
Benzo(a)anthracene	0.00081	0.014	17.4
Benzo(b)fluoroanthene	0.00081	0.014	17.4
4,4'-DDD	0.004	0.07	17.3
Di-n-octyl phthalate	3.6	62	17.2
Dieldrin	0.00006	0.001	16.7
Benzo(ghi)perylene	10.8	174	16.1
Pentachlorophenol	0.053	0.73	13.8
Heptachlor epoxide	0.00017	0.0022	12.9
Chrysene	0.008	0.1	12.4
Butyl benzyl phthalate	0.49	6	12.3
Fluoranthene	14	164	11.7
Antimony	0.14	1.5	10.8
1-Methyl napthalene	0.029	0.17	6.0
beta-BHC	0.0005	0.003	5.5
2-Methylnapthalene	1.24	6.25	5.0
Tetrachloroethene	0.0014	0.0056	4.1
1,2-Dichlorobenzene	25	87	3.5
n-Nitrosodiphenylamine	0.075	0.25	3.3
Naphthalene	5.31	16.8	3.2
1,4-Dichlorobenzene	0.14	0.43	3.1
MCPP	0.25	0.71	2.9
Trichloroethene	0.01	0.02	2.0
Mercury	0.05	0.09	1.8
Methylenechloride	0.011	0.014	1.3
Formaldehyde	3.7	4	1.1
Perchlorate	0.016	0.017	1.1
HMX	0.73	0.75	1.0
Aroclor 1254	0.00049 -	-	
Aroclor 1260	0.00049 -	-	
Benzene	0.0036 -	-	
Aroclor 1242	0.00049 -	-	

Chemical Name	Appendix B Supposed EPA default-based 25% garden residential RBSL (mg/kg)	Appendix K Scenario 2 Suburban Residential Garden + CHGP 25% (mg/kg)	How Many Times Higher (Less Protective) is App. K Scenario 2 than App. B 25% Garden?
bis(2-Ethylhexyl) phthalate	9.56	25	2.62
Aroclor 1260	0.014	0.037	2.59
Mirex	0.0016	0.004	2.52
4,4'-DDE	0.084	0.21	2.49
4,4'-DDT	0.084	0.21	2.49
Dibenzo(a,h)anthracene	0.007	0.017	2.45
Aroclor 1254	0.014	0.035	2.45
Indeno(1,2,3-cd)pyrene	0.024	0.058	2.44
Aroclor 1242	0.014	0.034	2.38
4,4'-DDD	0.12	0.27	2.29
Benzo(a)anthracene	0.024	0.051	2.16
Benzo(b)fluoroanthene	0.024	0.051	2.16
Chrysene	0.24	0.5	2.12
Benzo(k)fluoroanthene	0.024	0.05	2.11
Benzo(a)pyrene	0.0024	0.005	2.11
Pentachlorophenol	1.55	3	1.94
Dieldrin	0.0018	0.003	1.70
Butyl benzyl phthalate	14.3	21	1.47
Fluoranthene	371	540	1.46
1-Methyl napthalene	0.85	0.6	0.71
2-Methylnapthalene	32.6	22.5	0.69
beta-BHC	0.016	0.01	0.62
Tetrachloroethene	0.04	0.022	0.53
n-Nitrosodiphenylamine	2.19	0.97	0.44
MCPP	6.57	2.7	0.41
Mercury	1.33	0.35	0.27
Trichloroethene	0.29	0.07	0.24
Perchlorate	0.42	0.1	0.24
1,4-Dichlorobenzene	4.1	0.93	0.23
Benzene	0.11	0.021	0.20
Methylenechloride	0.31	0.056	0.18
Formaldehyde	97.8	16	0.16
HMX	19.2	3.01	0.16
Naphthalene	140	16.8	0.12
Antimony	-	-	-
Benzo(ghi)perylene	-	-	-
Heptachlor epoxide	-	-	-
Di-n-octyl phthalate	-	-	-
1,2-Dichlorobenzene	-	-	-

Chemical Name	Appendix K Scenario 3 Suburban Residential Garden + CHGP 100% (mg/kg)	Appendix K Scenario 2 Suburban Residential Garden + CHGP 25% (mg/kg)	How Many Times Higher (Less Protective) is Scenario 2 than Scenario 3?
Perchlorate	0.017	0.1	5.88
Chrysene	0.1	0.5	5.00
Pentachlorophenol	0.725	3	4.14
Formaldehyde	4	16	4.00
Methylenechloride	0.014	0.056	4.00
HMX	0.754	3.01	3.99
Mercury	0.09	0.353	3.94
n-Nitrosodiphenylamine	0.25	0.97	3.88
4,4'-DDD	0.07	0.27	3.86
Tetrachloroethene	0.006	0.022	3.86
MCPP	0.71	2.7	3.80
Benzo(a)anthracene	0.014	0.051	3.64
Benzo(b)fluoroanthene	0.014	0.051	3.64
Mirex	0.001	0.004	3.64
Indeno(1,2,3-cd)pyrene	0.016	0.058	3.63
2-Methylnapthalene	6.25	22.5	3.60
Trichloroethene	0.02	0.07	3.57
bis(2-Ethylhexyl) phthalate	7	25	3.57
Dibenzo(a,h)anthracene	0.005	0.017	3.56
4,4'-DDE	0.06	0.21	3.50
4,4'-DDT	0.06	0.21	3.50
Butyl benzyl phthalate	6	21	3.50
1-Methyl napthalene	0.173	0.6	3.47
beta-BHC	0.003	0.01	3.33
Fluoranthene	164	540	3.29
Dieldrin	0.001	0.003	3.00
Benzo(a)pyrene	0.002	0.005	2.50
Benzo(k)fluoroanthene	0.02	0.05	2.50
1,4-Dichlorobenzene	0.427	0.93	2.18
Naphthalene	16.8	16.8	1.00
Antimony	1.5	-	-
Benzo(ghi)perylene	174	-	-
Aroclor 1242	-	0.034	-
Aroclor 1254	-	0.035	-
Aroclor 1260	-	0.037	-
Heptachlor epoxide	0.002	-	-
Di-n-octyl phthalate	62	-	-
1,2-Dichlorobenzene	87	-	-
Benzene	-	0.021	-

Chemical Name	Appendix B DTSC-Approved SRAM-Based Suburban Residential Garden RBSL	Appendix K Suburban Residential Garden Proposed RBSL (Scenario 2)	How Many Times Higher (Less Protective) is App. K Purported Suburban Residential Garden Levels than the DTSC-Approved App. B SRAM-Based Garden Standard?
bis(2-Ethylhexyl) phthalate	0.326	25	77
Aroclor 1260	0.00049	0.037	76
Mirex	0.000054	0.004	74
4,4'-DDE	0.0029	0.21	72
4,4'-DDT	0.0029	0.21	72
Aroclor 1254	0.00049	0.035	72
Dibenzo(a,h)anthracene	0.00024	0.017	72
Indeno(1,2,3-cd)pyrene	0.00081	0.058	71
Aroclor 1242	0.00049	0.034	70
4,4'-DDD	0.004	0.27	67
Benzo(b)fluoroanthene	0.00081	0.05	63
Benzo(a)anthracene	0.00081	0.051	63
Benzo(k)fluoroanthene	0.0008	0.05	63
Benzo(a)pyrene	0.00008	0.005	63
Chrysene	0.008	0.5	62
Pentachlorophenol	0.053	3	57
Dieldrin	0.00006	0.003	50
Butyl benzyl phthalate	0.49	21	43
Fluoranthene	14	540	39
1-Methyl napthalene	0.029	0.6	21
beta-BHC	0.0005	0.01	18
2-Methylnapthalene	1.24	22.5	18
Tetrachloroethene	0.0014	0.022	16
n-Nitrosodiphenylamine	0.075	0.97	13
MCPP	0.25	2.7	11
Trichloroethene	0.01	0.07	7
Mercury	0.05	0.353	7
1,4-Dichlorobenzene	0.14	0.93	7
Perchlorate	0.016	0.1	6
Benzene	0.0036	0.02	6
Methylenechloride	0.011	0.06	5
Formaldehyde	3.7	16	4
HMX	0.73	3.01	4
Naphthalene	5.31	16.8	3
Antimony	0.14	-	-
1,2-Dichlorobenzene	25	-	-
Benzo(ghi)perylene	10.8	-	-
Di-n-octyl phthalate	3.6	-	-
Heptachlor epoxide	0.00017	-	-

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
Metals			
Aluminum	-	58,600	
Antimony	3.68	0.86	4
Arsenic	2.91	46	0.1
Barium	1,890	371	5
Beryllium	18.9	2.2	9
Boron	394	34	12
Cadmium	0.05	0.07	1
Chromium	14,300	94	152
Copper	292	119	2
Lead	7.2	49	0.1
Lithium	18.7	91	0.2
Manganese	1,060	1,120	1
Mercury	1.33	0.13	10
Methyl Mercury	0.03	0.05	1
Molybdenum	36.5	3.2	11
Nickel	160	132	1
Selenium	34.5	1	35
Silver	47.7	0.2	239
Strontium	3,200	163	20
Thallium	0.1	1.2	0.1
Tin	2,660	-	
Vanadium	47.5	175	0.3
Zinc	1,420	215	7
Zirconium	0.76	19	0.04
Polychlorinated Biphenyl (Aroclors)			
Aroclor 1016	0.4	17	0.02
Aroclor 1242	0.014	17	0.001
Aroclor 1248	0.014	17	0.001
Aroclor 1254	0.014	17	0.001
Aroclor 1260	0.014	17	0.001
Aroclor 5460	0.014	50	0.0003
Polycyclic Aromatic Hydrocabons			
1-Methylnapthalene	0.85	0.003	339
2-Methylnapthalene	32.6	0.003	13,040

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
Acenaphthene	495	0.003	198,000
Acenaphthylene	497	0.003	198,800
Anthracene	2,660	0.003	1,064,000
Benzo(g,h,i)perylene	285	0.003	114,000
Fluoranthene	371	0.005	71,346
Flourene	344	0.004	90,526
Naphthalene	140	0.004	38,889
Phenanthrene	2,660	0.004	682,051
Pyrene	274	0.006	48,929
Benzo(e)pyrene	284	-	
Carcinogenic PAHs			
Benzo(a)anthracene	0.024	-	
Benzo(a)pyrene	0.0024	-	
Benzo(b)fluoranthene	0.024	-	
Benzo(k)fluoranthene	0.024	-	
Chrysene	0.024	-	
Dibenzo(a,h)anthracene	0.007	-	
Indeno(1,2,3-cd)pyrene	0.024	-	
Phthalates			
Bis(2-ethylhexyl)phthalate	9.56	0.061	157
Butylbenzylphthalate	14.3	0.1	143
Diethylphthalate	3,520	0.027	130,370
Dimethylphthalate	1,700	0.027	62,963
Di-n-butylphthalate	890	0.027	32,963
Di-n-octylphthalate	95.4	0.027	3,533
Miscellaneous			
N-Nitrosodimethylamine	0.00	0.01	0.003
Perchlorate	0.42	0.0016	256
m-Terphenyl	3.13	-	
o-Terphenyl	3.13	7	0.4
p-Terphenyl	3.13	-	
Cyanide	0.73	0.6	1
Flouride	-	10.2	

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
TPHs			
Energetic			
1,2-Dinitrobenzene	0.23	-	
2-Amino-4,6-Dinitrotoluene	5.4	-	
HMX	19.2	-	
M-Dinitrobenzene	0.19	-	
RDX	0.03	0.3	0.1
SOCs			
1,2,4-Trichlorobenzene	7.01	-	
1,2-Dichlorobenzene	659	-	
1,3-Dichlorobenzene	226	-	
1,4-Dichlorobenzene	4.09	-	
1,4-Dioxane	0.02	0.01	2
2,4,5-Trichlorophenol	792	-	
2,4,6-Trichlorophenol	0.34	-	
2,4-Dimethylphenol	80.5	-	
2-Methylphenol	150	-	
3,5-Dimethylphenol	36.1	-	
4-Chloro-3-methylphenol	648	-	
4-Methylphenol	297	-	
4-Nitroaniline	0.26	-	
Benzoic Acid	11,100	0.66	16,818
Benzyl Alcohol	122	-	
Carbazole	1.19	-	
Dibenzofuran	8.52	-	
n-Nitrosodiphenylamine as Diphenylamine	2.19	0.01	219
Phenol	548	0.17	3,224
VOCs			
1,1,1,2-Tetrachloroethane	0.69	-	
1,1,1-Trichloroethane	9,250	-	
1,1,2,2-Tetrachloroethane	0.048	-	
1,1,2-Trichloro-1,2,2-trifluoroethane	200,000	-	
1,1,2-Trichloroethane	0.12	-	
1,1-Dichloroethane	1.36	-	
1,1-Dichloroethene	175	0.005	35,000

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
1,1-Dimethylhydrazine	0.0065	-	
1,2,3-Trichlorobenzene	6.74	-	
1,2,4-Trimethylbenzene	77.5	-	
1,2-Dibromo-3-chloropropane	0.0026	-	
1,2-Dibromoethane	0.0025	-	
1,2-Dichloroethane	0.12	-	
1,2-Dichloropropane	0.26	-	
1,3,5-Trimethylbenzene	73	-	
2-Butanone (MEK)	271	-	
2-Chloroethyl Vinyl Ether	0.0016	-	
2-Chlorotoluene	146	-	
2-Hexanone	8.39	0.01	839
4-Chlorotoluene	142	-	
4-Methyl-2-pentanone (MIBK)	124	-	
Acetone	206	-	
Benzene	0.11	-	
Bromobenzene	49.4	-	
Bromodichloromethane	0.07	-	
Bromoform	1.19	-	
Carbon Disulfide	297	-	
Carbon Tetrachloride	0.11	-	
Chlorobenzene	115	-	
Chloroform	0.3	-	
Chloromethane	1.37	-	
cis-1,2-Dichloroethene	5.51	0.005	1,102
Cymene	850	-	
Dibromochloromethane	0.12	-	
Dibromomethane	23.5	-	
Dichlorodifluoromethane	720	-	
Ethylbenzene	1.81	0.005	362
Isopropylbenzene	781	-	
Methylene Chloride	0.31	0.01	31
n-Butylbenzene	440	-	
n-Propylbenzene	786	-	
Styrene	1,210	-	
tert-Butylbenzene	851	-	
Tetrachloroethene	0.04	0.005	8

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
Toluene	431	0.005	86,200
trans-1,2-Dichloroethene	67.8	-	
Trichloroethene	0.29	0.005	58
Trichlorofluoromethane	1,430	-	
Vinyl Chloride	0.02	0.005	5
Xylene (Total)	1,310	-	

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
Anthracene	2,660	0.0025	1,064,000
Phenanthrene	2,660	0.0039	682,051
Acenaphthylene	497	0.0025	198,800
Acenaphthene	495	0.0025	198,000
Diethylphthalate	3,520	0.027	130,370
Benzo(g,h,i)perylene	285	0.0025	114,000
Flourene	344	0.0038	90,526
Toluene	431	0.005	86,200
Fluoranthene	371	0.005	71,346
Dimethylphthalate	1,700	0.027	62,963
Pyrene	274	0.0056	48,929
Naphthalene	140	0.0036	38,889
1,1-Dichloroethene	175	0.005	35,000
Di-n-butylphthalate	890	0.027	32,963
Benzoic Acid	11,100	0.66	16,818
2-Methylnapthalene	32.6	0.0025	13,040
Di-n-octylphthalate	95.4	0.027	3,533
Phenol	548	0.17	3,224
cis-1,2-Dichloroethene	5.51	0.005	1,102
2-Hexanone	8.39	0.01	839
Ethylbenzene	1.81	0.005	362
1-Methylnapthalene	0.85	0.0025	339
Perchlorate	0.42	0.00163	256
Silver	47.7	0.2	239
n-Nitrosodiphenylamine as Diphenylamine	2.19	0.01	219
Bis(2-ethylhexyl)phthalate	9.56	0.061	157
Chromium	14,300	94	152
Butylbenzylphthalate	14.3	0.1	143
Trichloroethene	0.29	0.005	58
Selenium	34.5	1	35
Methylene Chloride	0.31	0.01	31
Strontium	3,200	163	20
Boron	394	34	12
Molybdenum	36.5	3.2	11
Mercury	1.33	0.13	10
Beryllium	18.9	2.2	9
Tetrachloroethene	0.04	0.005	8

Chemical Name	PEIR Appendix B Supposed 25% Garden Consumption Suburban Residential RBSL (mg/kg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the DTSC EIR proposed standards Compared to DTSC's Promised Background Equivalent Cleanup
Zinc	1,420	215	7
Barium	1,890	371	5
Vinyl Chloride	0.02	0.01	5
Antimony	3.68	0.86	4
1,4-Dioxane	0.02	0.01	2
Copper	292	119	2
Cyanide	0.73	0.6	1
Nickel	160	132	1
Manganese	1,060	1,120	1
Cadmium	0.055	0.07	1
Methyl Mercury	0.035	0.05	1
o-Terphenyl	3.13	7	0.4
Vanadium	47.5	175	0.3
Lithium	18.7	91	0.2
Lead	7.2	49	0.1
RDX	0.025	0.3	0.1
Thallium	0.095	1.2	0.1
Arsenic	2.91	46	0.1
Zirconium	0.76	19	0.04
Aroclor 1016	0.4	17	0.02
N-Nitrosodimethylamine	0.00003	0.01	0.003
Aroclor 1242	0.014	17	0.001
Aroclor 1248	0.014	17	0.001
Aroclor 1254	0.014	17	0.001
Aroclor 1260	0.014	17	0.001
Aroclor 5460	0.014	50	0.0003

Chemical Name	PEIR Appendix B Supposed 25% Garden Suburban Residential RBSL (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
Metals			
Aluminum	-	354,000	
Antimony	**3.68**	**123**	33
Arsenic	2.91	0.25	0.1
Barium	1,890	51,900	27
Beryllium	18.9	146	8
Boron	394	71,000	180
Cadmium	**0.05**	**9.06**	166
Chromium	14,300	174,000	12
Copper	292	14,200	49
Lead	**7.2**	**360**	50
Lithium	18.7	710	38
Manganese	1,060	29,600	28
Mercury	**1.33**	**78.2**	59
Methyl Mercury	**0.035**	**35.5**	1,026
Molybdenum	37	1,780	49
Nickel	160	4,280	27
Selenium	**34.5**	**1,780**	52
Silver	**47.7**	**1,070**	22
Strontium	3,200	213,000	67
Thallium	0.095	3.55	37
Tin	2,660	213,000	80
Vanadium	47.5	878	18
Zinc	**1,420**	**107,000**	75
Zirconium	0.76	28.4	37
Polychlorinated Biphenyl (Aroclors)			
Aroclor 1016	0.40	16.1	40
Aroclor 1242	0.014	0.56	39
Aroclor 1248	0.014	0.56	39
Aroclor 1254	0.014	0.56	39
Aroclor 1260	0.014	0.56	39
Aroclor 5460	0.014	0.56	39
Polycyclic Aromatic Hydrocabons			
1-Methylnapthalene	**0.85**	**32.2**	38
2-Methylnapthalene	**32.6**	**918**	28
Acenaphthene	**495**	**15,300**	31
Acenaphthylene	497	14,900	30
Anthracene	**2,660**	**77,000**	29
Benzo(g,h,i)perylene	**285**	**7,710**	27
Fluoranthene	**371**	**10,300**	28
Flourene	**344**	**10,200**	30
Naphthalene	**140**	**204**	1

Chemical Name	PEIR Appendix B Supposed 25% Garden Suburban Residential RBSL (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
Phenanthrene	**2,660**	**77,000**	29
Pyrene	**274**	**7,710**	28
Benzo(e)pyrene	**284**	**7,710**	27
Carcinogenic PAHs			
Benzo(a)anthracene	0.024	0.94	40
Benzo(a)pyrene	0.0024	0.09	40
Benzo(b)fluoranthene	0.024	0.94	40
Benzo(k)fluoranthene	0.024	0.94	40
Chrysene	0.024	9.39	398
Dibenzo(a,h)anthracene	0.00698	0.28	39
Indeno(1,2,3-cd)pyrene	0.024	0.94	39
Phthalates			
Bis(2-ethylhexyl)phthalate	**9.56**	**479**	50
Butylbenzylphthalate	14.3	756	53
Diethylphthalate	3,520	228,000	65
Dimethylphthalate	1,700	228,000	134
Di-n-butylphthalate	890	28,500	32
Di-n-octylphthalate	**95.4**	**2,850**	30
Miscellaneous			
N-Nitrosodimethylamine	0.000028	160	5,755,396
Perchlorate	**0.42**	**249**	596
m-Terphenyl	3.13	180	58
o-Terphenyl	3.13	180	58
p-Terphenyl	3.13	180	58
Cyanide	0.73	213	290
Flouride	**-**	**14,200**	
TPHs			
Energetic			
1,2-Dinitrobenzene	0.23	28.5	122
2-Amino-4,6-Dinitrotoluene	5.40	718	133
HMX	19.20	17,900	932
M-Dinitrobenzene	0.19	28.5	150
RDX	0.03	24.5	965
SOCs			
1,2,4-Trichlorobenzene	7.01	326	47
1,2-Dichlorobenzene	659	16,100	24
1,3-Dichlorobenzene	226	7,200	32
1,4-Dichlorobenzene	4.09	18.2	4

Chemical Name	PEIR Appendix B Supposed 25% Garden Suburban Residential RBSL (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
1,4-Dioxane	0.02	53.2	2,163
2,4,5-Trichlorophenol	792	28,500.0	36
2,4,6-Trichlorophenol	0.34	20.5	61
2,4-Dimethylphenol	80.5	5,700	71
2-Methylphenol	150	14,300	95
3,5-Dimethylphenol	36.1	2,050	57
4-Chloro-3-methylphenol	648	28,500	44
4-Methylphenol	297	28,500	96
4-Nitroaniline	0.26	160	625
Benzoic Acid	11,100	1,140,000	103
Benzyl Alcohol	122	28,500	234
Carbazole	1.19	71.9	60
Dibenzofuran	8.52	274	32
n-Nitrosodiphenylamine as Diphenylamine	2.19	160	73
Phenol	548	85,500	156
VOCs			
1,1,1,2-Tetrachloroethane	0.69	32.9	47
1,1,1-Trichloroethane	9,250	72,900	8
1,1,2,2-Tetrachloroethane	0.05	3.29	69
1,1,2-Trichloro-1,2,2-trifluoroethane	200,000	394,000	2
1,1,2-Trichloroethane	0.12	6.71	57
1,1-Dichloroethane	1.36	25.7	19
1,1-Dichloroethene	175	759	4
1,1-Dimethylhydrazine	0.01	36.5	5,581
1,2,3-Trichlorobenzene	6.74	243	36
1,2,4-Trimethylbenzene	77.5	505	7
1,2-Dibromo-3-chloropropane	0.0026	0.46	175
1,2-Dibromoethane	0.0025	0.70	276
1,2-Dichloroethane	0.12	3.53	30
1,2-Dichloropropane	0.26	5.88	23
1,3,5-Trimethylbenzene	73	1,690	23
2-Butanone (MEK)	271	164,000	605
2-Chloroethyl Vinyl Ether	0.0016	0.057	36
2-Chlorotoluene	146	3,300	23
2-Hexanone	8.39	1,270	151
4-Chlorotoluene	142	3,100	22
4-Methyl-2-pentanone (MIBK)	124	26,900	217
Acetone	206	311,000	1,510
Benzene	0.11	1.56	15
Bromobenzene	49.4	1,890	38
Bromodichloromethane	0.072	2.54	35
Bromoform	1.19	290	244
Carbon Disulfide	297	6,660	22
Carbon Tetrachloride	0.11	0.97	8

Chemical Name	PEIR Appendix B Supposed 25% Garden Suburban Residential RBSL (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
Chlorobenzene	115	1,620	14
Chloroform	0.30	9.62	33
Chloromethane	1.37	346	253
cis-1,2-Dichloroethene	5.51	115	21
Cymene	850	18,200	21
Dibromochloromethane	0.12	34	296
Dibromomethane	23.5	295	13
Dichlorodifluoromethane	720	920	1
Ethylbenzene	1.81	30.1	17
Isopropylbenzene	781	15,300	20
Methylene Chloride	0.31	37.1	119
n-Butylbenzene	440	8,260	19
n-Propylbenzene	786	24,400	31
Styrene	1,210	64,900	54
tert-Butylbenzene	851	16,800	20
Tetrachloroethene	0.04	3.52	87
Toluene	431	23,900	55
trans-1,2-Dichloroethene	67.8	1,080	16
Trichloroethene	0.29	10.1	35
Trichlorofluoromethane	1,430	7,100	5
Vinyl Chloride	0.024	0.28	12
Xylene (Total)	1,310	5,690	4

Chemical Name	PEIR Appendix B 25% Garden Supposed Suburban Residential RBSL Consumption (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
N-Nitrosodimethylamine	0.000028	160	5,755,396
1,1-Dimethylhydrazine	0.0065	36.5	5,581
1,4-Dioxane	0.025	53.2	2,163
Acetone	206	311,000	1,510
Methyl Mercury	**0.035**	**35.5**	1,026
RDX	0.025	24.5	965
HMX	19.2	17,900	932
4-Nitroaniline	0.26	160	625
2-Butanone (MEK)	271	164,000	605
Perchlorate	**0.42**	**249**	596
Chrysene	0.024	9.39	398
Dibromochloromethane	0.12	34	296
Cyanide	0.73	213	290
1,2-Dibromoethane	0.0025	0.7	276
Chloromethane	1.37	346	253
Bromoform	1.19	290	244
Benzyl Alcohol	122	28,500	234
4-Methyl-2-pentanone (MIBK)	124	26,900	217
Boron	394	71,000	180
1,2-Dibromo-3-chloropropane	0.0026	0.46	175
Cadmium	**0.055**	**9.06**	166
Phenol	548	85,500	156
2-Hexanone	8.39	1,270	151
M-Dinitrobenzene	0.19	28.5	150
Dimethylphthalate	1,700	228,000	134
2-Amino-4,6-Dinitrotoluene	5.4	718	133
1,2-Dinitrobenzene	0.23	28.5	122
Methylene Chloride	0.31	37.1	119
Benzoic Acid	11,100	1,140,000	103
4-Methylphenol	297	28,500	96
2-Methylphenol	150	14,300	95
Tetrachloroethene	0.04	3.52	87
Tin	2,660	213,000	80
Zinc	**1,420**	**107,000**	75
n-Nitrosodiphenylamine as Diphenylamine	2.19	160	73
2,4-Dimethylphenol	80.5	5,700	71
1,1,2,2-Tetrachloroethane	0.05	3.29	69
Strontium	3,200	213,000	67
Diethylphthalate	3,520	228,000	65
2,4,6-Trichlorophenol	0.34	20.5	61
Carbazole	1.19	71.9	60
Mercury	**1.33**	**78.2**	59
m-Terphenyl	3.13	180	58

Chemical Name	PEIR Appendix B 25% Garden Supposed Suburban Residential RBSL Consumption (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
o-Terphenyl	3.13	180	58
p-Terphenyl	3.13	180	58
1,1,2-Trichloroethane	0.12	6.71	57
3,5-Dimethylphenol	36.1	2,050	57
Toluene	431	23,900	55
Styrene	1,210	64,900	54
Butylbenzylphthalate	14.3	756	53
Selenium	**34.5**	**1,780**	52
Bis(2-ethylhexyl)phthalate	**9.56**	**479**	50
Lead	**7.2**	**360**	50
Molybdenum	36.5	1,780	49
Copper	292	14,200	49
1,1,1,2-Tetrachloroethane	0.69	32.9	47
1,2,4-Trichlorobenzene	7.01	326	47
4-Chloro-3-methylphenol	648	28,500	44
Aroclor 1016	0.4	16.10	40
Benzo(a)anthracene	0.024	0.94	40
Benzo(b)fluoranthene	0.024	0.94	40
Benzo(k)fluoranthene	0.024	0.94	40
Benzo(a)pyrene	0.0024	0.09	40
Indeno(1,2,3-cd)pyrene	0.024	0.94	39
Aroclor 1242	0.014	0.56	39
Aroclor 1248	0.014	0.56	39
Aroclor 1254	0.014	0.56	39
Aroclor 1260	0.014	0.56	39
Aroclor 5460	0.014	0.56	39
Dibenzo(a,h)anthracene	0.007	0.28	39
Bromobenzene	49.4	1,890	38
1-Methylnapthalene	**0.85**	**32.2**	38
Lithium	18.7	710	38
Thallium	0.1	3.55	37
Zirconium	0.76	28.4	37
1,2,3-Trichlorobenzene	6.74	243	36
2,4,5-Trichlorophenol	792	28,500	36
2-Chloroethyl Vinyl Ether	0.0016	0.06	36
Bromodichloromethane	0.072	2.54	35
Trichloroethene	0.29	10.1	35
Antimony	**3.68**	**123**	33
Chloroform	0.296	9.62	33
Dibenzofuran	8.52	274	32
Di-n-butylphthalate	890	28,500	32
1,3-Dichlorobenzene	226	7,200	32
n-Propylbenzene	786	24,400	31

Chemical Name	PEIR Appendix B 25% Garden Supposed Suburban Residential RBSL Consumption (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
Acenaphthene	**495**	**15,300**	31
Acenaphthylene	497	14,900	30
Di-n-octylphthalate	**95.4**	**2,850**	30
1,2-Dichloroethane	0.12	3.53	30
Flourene	**344**	**10,200**	30
Anthracene	**2,660**	**77,000**	29
Phenanthrene	**2,660**	**77,000**	29
2-Methylnapthalene	**32.6**	**918**	28
Pyrene	**274**	**7,710**	28
Manganese	1,060	29,600	28
Fluoranthene	**371**	**10,300**	28
Barium	1,890	51,900	27
Benzo(e)pyrene	**284**	**7,710**	27
Benzo(g,h,i)perylene	**285**	**7,710**	27
Nickel	160	4,280	27
1,2-Dichlorobenzene	659	16,100	24
1,3,5-Trimethylbenzene	73	1,690	23
1,2-Dichloropropane	0.26	5.88	23
2-Chlorotoluene	146	3,300	23
Silver	**47.7**	**1,070**	22
Carbon Disulfide	297	6,660	22
4-Chlorotoluene	142	3,100	22
Cymene	850	18,200	21
cis-1,2-Dichloroethene	5.51	115	21
tert-Butylbenzene	851	16,800	20
Isopropylbenzene	781	15,300	20
1,1-Dichloroethane	1.36	25.7	19
n-Butylbenzene	440	8,260	19
Vanadium	47.5	878	18
Ethylbenzene	1.81	30.1	17
trans-1,2-Dichloroethene	67.8	1,080	16
Benzene	0.11	1.56	15
Chlorobenzene	115	1,620	14
Dibromomethane	23.5	295	13
Chromium	14,300	174,000	12
Vinyl Chloride	0.024	0.28	12
Carbon Tetrachloride	0.11	0.97	8
1,1,1-Trichloroethane	9,250	72,900	8
Beryllium	18.9	146	8
1,2,4-Trimethylbenzene	77.5	505	7
Trichlorofluoromethane	1,430	7,100	5
1,4-Dichlorobenzene	4.09	18.2	4
Xylene (Total)	1,310	5,690	4

Chemical Name	PEIR Appendix B 25% Garden Supposed Suburban Residential RBSL Consumption (mg/kg)	PEIR Appendix B Boeing Recreational Cleanup Proposal (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed Boeing Recreational Cleanup Values Compared to Supposed 25% Residential Garden RBSL
1,1-Dichloroethene	175	759	4
1,1,2-Trichloro-1,2,2-trifluoroethane	200,000	394,000	2
Naphthalene	**140**	**204**	1
Dichlorodifluoromethane	720	920	1
Arsenic	2.91	0.25	0.1
Aluminum	-	354,000	

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Lowest Ecological Risk-Based Screening Level (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Metals			
Aluminum	-	16	
Antimony	**3.68**	**0.042**	88
Arsenic	2.91	2.1	1
Barium	1,890	44	43
Beryllium	18.9	4.8	4
Boron	394	0.5	788
Cadmium	**0.05**	**0.019**	3
Chromium	14,300	1	14,300
Copper	292	1.1	265
Lead	**7.2**	**0.062**	116
Lithium	18.7	2	9
Manganese	1,060	79	13
Mercury	**1.33**	**0.1**	13
Methyl Mercury	**0.035**	**0.18**	0.2
Molybdenum	36.5	0.13	281
Nickel	160	0.13	1,231
Selenium	**34.5**	**0.1**	345
Silver	**47.7**	**0.99**	48
Strontium	3,200	1210	3
Thallium	0.1	1	0.1
Tin	2,660	31	86
Vanadium	47.5	3.3	14
Zinc	**1,420**	**19**	75
Zirconium	0.76	8	0.1
Polychlorinated Biphenyl (Aroclors)			
Aroclor 1016	0.4	0.12	3
Aroclor 1242	0.01	0.043	0.3
Aroclor 1248	0.01	0.0064	2
Aroclor 1254	0.01	**0.039**	0.4
Aroclor 1260	0.01	**0.025**	1
Aroclor 5460	0.01	**0.039**	0.4
Polycyclic Aromatic Hydrocabons			
1-Methylnapthalene	**0.85**	**29**	0.03
2-Methylnapthalene	**32.6**	**29**	1
Acenaphthene	**495**	**1.1**	450

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Lowest Ecological Risk-Based Screening Level (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Acenaphthylene	497	0.33	1,506
Anthracene	**2,660**	**2**	1,330
Benzo(g,h,i)perylene	**285**	**1.2**	238
Fluoranthene	**371**	**1.9**	195
Flourene	**344**	**0.89**	387
Naphthalene	**140**	**26**	5
Phenanthrene	**2,660**	**1.2**	2,217
Pyrene	**274**	**1.2**	228
Benzo(e)pyrene	**284**	**1.2**	237
Carcinogenic PAHs			
Benzo(a)anthracene	0.024	0.81	0.03
Benzo(a)pyrene	0.0024	1.2	0.002
Benzo(b)fluoranthene	0.024	1.2	0.02
Benzo(k)fluoranthene	0.024	1.2	0.02
Chrysene	0.024	1.2	0.02
Dibenzo(a,h)anthracene	0.007	1.2	0.01
Indeno(1,2,3-cd)pyrene	0.024	1.2	0.02
Phthalates			
Bis(2-ethylhexyl)phthalate	**9.56**	**0.32**	30
Butylbenzylphthalate	14.3	90	0.2
Diethylphthalate	3,520	2.3	1,530
Dimethylphthalate	1,700	4.5	378
Di-n-butylphthalate	890	0.11	8,091
Di-n-octylphthalate	**95.4**	**13**	7
Miscellaneous			
N-Nitrosodimethylamine	0.000028	6.5	0.000004
Perchlorate	**0.42**	**0.5**	1
m-Terphenyl	3.13	0.67	5
o-Terphenyl	3.13	0.67	5
p-Terphenyl	3.13	0.54	6
Cyanide	0.73	0.18	4
Flouride	**-**	**35**	
TPHs			

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Lowest Ecological Risk-Based Screening Level (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Energetic			
1,2-Dinitrobenzene	0.23	0.92	0.3
2-Amino-4,6-Dinitrotoluene	5.4	0.006	900
HMX	19.2	6.5	3
M-Dinitrobenzene	0.19	0.92	0.2
RDX	0.03	0.3	0.1
SOCs			
1,2,4-Trichlorobenzene	7.01	10	1
1,2-Dichlorobenzene	659	130	5
1,3-Dichlorobenzene	226	20	11
1,4-Dichlorobenzene	4.09	5.6	1
1,4-Dioxane	0.02	2.3	0.01
2,4,5-Trichlorophenol	792	4	198
2,4,6-Trichlorophenol	0.34	4	198
2,4-Dimethylphenol	80.5	65	1
2-Methylphenol	150	4.3	35
3,5-Dimethylphenol	36.1	2.6	14
4-Chloro-3-methylphenol	648	1.7	381
4-Methylphenol	297	4.3	69
4-Nitroaniline	0.26	3.4	0.1
Benzoic Acid	11,100	4.5	2,467
Benzyl Alcohol	122	4.5	27
Carbazole	1.19	1.5	1
Dibenzofuran	8.52	1.2	7
n-Nitrosodiphenylamine as Diphenylamine	2.19	2.3	1
Phenol	548	5.1	107
VOCs			
1,1,1,2-Tetrachloroethane	0.69	38	0.02
1,1,1-Trichloroethane	9,250	1000	9
1,1,2,2-Tetrachloroethane	0.05	51	0.001
1,1,2-Trichloro-1,2,2-trifluoroethane	200,000	220	909
1,1,2-Trichloroethane	0.12	9	0.01
1,1-Dichloroethane	1.36	78	0.02
1,1-Dichloroethene	175	6.9	25
1,1-Dimethylhydrazine	0.01	0.35	0.02
1,2,3-Trichlorobenzene	6.74	10	1
1,2,4-Trimethylbenzene	77.5	3.1	25

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Lowest Ecological Risk-Based Screening Level (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
1,2-Dibromo-3-chloropropane	0.0026	0.28	0.01
1,2-Dibromoethane	0.0025	12	0.0002
1,2-Dichloroethane	0.12	78	0.002
1,2-Dichloropropane	0.26	33	0.01
1,3,5-Trimethylbenzene	73	3.2	23
2-Butanone (MEK)	271	8160	0.03
2-Chloroethyl Vinyl Ether	0	7.4	0.0002
2-Chlorotoluene	146	16	0.0001
2-Hexanone	8.39	23	0.4
4-Chlorotoluene	142	16	9
4-Methyl-2-pentanone (MIBK)	124	4.5	28
Acetone	206	46	4
Benzene	0.11	31	0.003
Bromobenzene	49.4	25	2
Bromodichloromethane	0.07	10	0.01
Bromoform	1.19	23	0.1
Carbon Disulfide	297	51	6
Carbon Tetrachloride	0.11	35	0.003
Chlorobenzene	115	21	5
Chloroform	0.3	69	0.004
Chloromethane	1.37	3.2	0.4
cis-1,2-Dichloroethene	5.51	210	0.03
Cymene	850	3.7	230
Dibromochloromethane	0.12	29	0.004
Dibromomethane	23.5	27	1
Dichlorodifluoromethane	720	41	18
Ethylbenzene	1.81	55	0.03
Isopropylbenzene	781	1.3	601
Methylene Chloride	0.31	27	0.01
n-Butylbenzene	440	61	7
n-Propylbenzene	786	73	11
Styrene	1,210	210	6
tert-Butylbenzene	851	1.1	774
Tetrachloroethene	0.04	2.2	0.02
Toluene	431	59	7
trans-1,2-Dichloroethene	67.8	130	1
Trichloroethene	0.29	1.8	0.2
Trichlorofluoromethane	1,430	170	8

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Lowest Ecological Risk-Based Screening Level (mg/kg)	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Vinyl Chloride	0.02	0.78	0.03
Xylene (Total)	1,310	3.4	385

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Ecological Risk-Based Screening Level (mg/kg) [Low TRV EcoRBSL]	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Chromium	14,300	1	14,300
Di-n-butylphthalate	890	0.11	8,091
Benzoic Acid	11,100	4.5	2,467
Phenanthrene	**2,660**	**1.2**	2,217
Diethylphthalate	3,520	2.3	1,530
Acenaphthylene	497	0.33	1,506
Anthracene	**2,660**	**2**	1,330
Nickel	160	0.13	1,231
1,1,2-Trichloro-1,2,2-trifluoroethane	200,000	220	909
2-Amino-4,6-Dinitrotoluene	5.4	0.006	900
Boron	394	0.5	788
tert-Butylbenzene	851	1.1	774
Isopropylbenzene	781	1.3	601
Acenaphthene	**495**	**1.1**	450
Flourene	**344**	**0.89**	387
Xylene (Total)	1,310	3.4	385
4-Chloro-3-methylphenol	648	1.7	381
Dimethylphthalate	1,700	4.5	378
Selenium	**34.5**	**0.1**	345
Molybdenum	36.5	0.13	281
Copper	292	1.1	265
Benzo(g,h,i)perylene	**285**	**1.2**	238
Benzo(e)pyrene	**284**	**1.2**	237
Cymene	850	3.7	230
Pyrene	**274**	**1.2**	228
2,4,5-Trichlorophenol	792	4	198
2,4,6-Trichlorophenol	0.34	4	198
Fluoranthene	**371**	**1.9**	195
Lead	**7.2**	**0.062**	116
Phenol	548	5.1	107
Antimony	**3.68**	**0.042**	88
Tin	2,660	31	86
Zinc	**1,420**	**19**	75
4-Methylphenol	297	4.3	69
Silver	**47.7**	**0.99**	48
Barium	1,890	44	43
2-Methylphenol	150	4.3	35
Bis(2-ethylhexyl)phthalate	**9.56**	**0.32**	30
4-Methyl-2-pentanone (MIBK)	124	4.5	28
Benzyl Alcohol	122	4.5	27

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Ecological Risk-Based Screening Level (mg/kg) [Low TRV EcoRBSL]	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
1,1-Dichloroethene	175	6.9	25
1,2,4-Trimethylbenzene	77.5	3.1	25
1,3,5-Trimethylbenzene	73	3.2	23
Dichlorodifluoromethane	720	41	18
Vanadium	47.5	3.3	14
3,5-Dimethylphenol	36.1	2.6	14
Manganese	1,060	79	13
Mercury	**1.33**	**0.1**	13
1,3-Dichlorobenzene	226	20	11
n-Propylbenzene	786	73	11
Lithium	18.7	2	9
1,1,1-Trichloroethane	9,250	1000	9
4-Chlorotoluene	142	16	9
Trichlorofluoromethane	1,430	170	8
Di-n-octylphthalate	**95.4**	**13**	7
Toluene	431	59	7
n-Butylbenzene	440	61	7
Dibenzofuran	8.52	1.2	7
Carbon Disulfide	297	51	6
p-Terphenyl	3.13	0.54	6
Styrene	1,210	210	6
Chlorobenzene	115	21	5
Naphthalene	**140**	**26**	5
1,2-Dichlorobenzene	659	130	5
m-Terphenyl	3.13	0.67	5
o-Terphenyl	3.13	0.67	5
Acetone	206	46	4
Cyanide	0.73	0.180	4
Beryllium	18.9	4.8	4
Aroclor 1016	0.4	0.12	3
HMX	19.2	6.5	3
Cadmium	**0.05**	**0.019**	3
Strontium	3,200	1210	3
Aroclor 1248	0.01	0.0064	2
Bromobenzene	49.4	25	2
Arsenic	2.91	2.1	1
2,4-Dimethylphenol	80.5	65	1
2-Methylnapthalene	**32.6**	**29**	1
n-Nitrosodiphenylamine as Diphenylamine	2.19	2.3	1

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Ecological Risk-Based Screening Level (mg/kg) [Low TRV EcoRBSL]	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
Dibromomethane	23.5	27	1
Perchlorate	**0.42**	**0.5**	1
Carbazole	1.19	1.5	1
1,4-Dichlorobenzene	4.09	5.6	1
1,2,4-Trichlorobenzene	7.01	10	1
1,2,3-Trichlorobenzene	6.74	10	1
Aroclor 1260	0.01	**0.025**	1
trans-1,2-Dichloroethene	67.8	130	1
Chloromethane	1.37	3.2	0.4
Aroclor 1254	0.01	**0.039**	0.4
Aroclor 5460	0.01	**0.039**	0.4
2-Hexanone	8.39	23	0.4
Aroclor 1242	0.01	0.043	0.3
1,2-Dinitrobenzene	0.23	0.92	0.3
M-Dinitrobenzene	0.19	0.92	0.2
Methyl Mercury	**0.03**	**0.18**	0.2
Trichloroethene	0.29	1.8	0.2
Butylbenzylphthalate	14.3	90	0.2
Zirconium	0.76	8	0.1
Thallium	0.1	1	0.1
RDX	0.03	0.3	0.1
4-Nitroaniline	0.26	3.4	0.1
Bromoform	1.19	23	0.1
2-Butanone (MEK)	271	8160	0.03
Ethylbenzene	1.81	55	0.03
Vinyl Chloride	0.02	0.78	0.03
1-Methylnapthalene	**0.85**	**29**	0.03
Benzo(a)anthracene	0.02	0.81	0.03
cis-1,2-Dichloroethene	5.51	210	0.03
Indeno(1,2,3-cd)pyrene	0.02	1.2	0.02
Benzo(k)fluoranthene	0.02	1.2	0.02
Benzo(b)fluoranthene	0.02	1.2	0.02
Chrysene	0.02	1.2	0.02
1,1-Dimethylhydrazine	0.01	0.35	0.02
Tetrachloroethene	0.04	2.2	0.02
1,1,1,2-Tetrachloroethane	0.69	38	0.02
1,1-Dichloroethane	1.36	78	0.02
1,1,2-Trichloroethane	0.12	9	0.01
Methylene Chloride	0.31	27	0.01

Chemical Name	PEIR Appendix B Supposed Suburban Residential RBSL 25% Garden Consumption (mg/kg)	Ecological Risk-Based Screening Level (mg/kg) [Low TRV EcoRBSL]	How Many Times Higher (Less Protective) Are the Proposed DTSC Cleanup Values Compared to EcoRBSL
1,4-Dioxane	0.02	2.3	0.01
1,2-Dibromo-3-chloropropane	0.0026	0.28	0.01
1,2-Dichloropropane	0.26	33	0.01
Bromodichloromethane	0.07	10	0.01
Dibenzo(a,h)anthracene	0.01	1.2	0.01
Chloroform	0.3	69	0.004
Dibromochloromethane	0.12	29	0.004
Benzene	0.11	31	0.003
Carbon Tetrachloride	0.11	35	0.003
Benzo(a)pyrene	0.0024	1.2	0.002
1,2-Dichloroethane	0.12	78	0.002
1,1,2,2-Tetrachloroethane	0.05	51	0.001
2-Chloroethyl Vinyl Ether	0.0016	7.4	0.0002
1,2-Dibromoethane	0.0025	12	0.0002
2-Chlorotoluene	146	16	0.0002
N-Nitrosodimethylamine	0.000028	6.5	0.000004

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (Less Protective) is the Recreational Standard than the EcoRBSL?
Metals			
Aluminum	354,000	16	22,125
Antimony	**123**	**0.04**	2,929
Arsenic	0.25	2.1	0.1
Barium	51,900	44	1,180
Beryllium	146	4.8	30
Boron	71,000	0.5	142,000
Cadmium	**9.06**	**0.02**	477
Chromium	174,000	1	174,000
Copper	14,200	1.1	12,909
Lead	**360**	**0.06**	5,806
Lithium	710	2	355
Manganese	29,600	79	375
Mercury	**78.2**	**0.10**	782
Methyl Mercury	**35.5**	**0.18**	197
Molybdenum	1,780	0.13	13,692
Nickel	4,280	0.13	32,923
Selenium	**1,780**	**0.1**	17,800
Silver	**1,070**	**0.99**	1,081
Strontium	213,000	1,210	176
Thallium	3.55	1	4
Tin	213,000	31	6,871
Vanadium	878	3.3	266
Zinc	**107,000**	**19**	5,632
Zirconium	28.4	8	4
Polychlorinated Biphenyl (Aroclors)			
Aroclor 1016	16.1	0.12	134
Aroclor 1242	0.56	0.04	13
Aroclor 1248	0.56	0.01	88
Aroclor 1254	0.56	**0.04**	14
Aroclor 1260	0.56	**0.03**	23
Aroclor 5460	0.56	**0.04**	14
Polycyclic Aromatic Hydrocabons			
1-Methylnapthalene	**32.2**	**29**	1
2-Methylnapthalene	**918**	**29**	32
Acenaphthene	**15,300**	**1.1**	13,909
Acenaphthylene	14,900	0.33	45,152
Anthracene	**77,000**	**2**	38,500
Benzo(g,h,i)perylene	**7,710**	**1.2**	6,425
Fluoranthene	**10,300**	**1.9**	5,421
Flourene	**10,200**	**0.89**	11,461
Naphthalene	**204**	**26**	8
Phenanthrene	**77,000**	**1.2**	64,167
Pyrene	**7,710**	**1.2**	6,425

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (Less Protective) is the Recreational Standard than the EcoRBSL?
Benzo(e)pyrene	**7,710**	**1.2**	6,425
Carcinogenic PAHs			
Benzo(a)anthracene	0.94	0.81	1
Benzo(a)pyrene	0.09	1.2	0.1
Benzo(b)fluoranthene	0.94	1.2	1
Benzo(k)fluoranthene	0.94	1.2	1
Chrysene	9.39	1.2	8
Dibenzo(a,h)anthracene	0.28	1.2	0.2
Indeno(1,2,3-cd)pyrene	0.94	1.2	1
Phthalates			
Bis(2-ethylhexyl)phthalate	**479**	**0.32**	1,497
Butylbenzylphthalate	756	90	8
Diethylphthalate	228,000	2.3	99,130
Dimethylphthalate	228,000	4.5	50,667
Di-n-butylphthalate	28,500	0.11	259,091
Di-n-octylphthalate	**2,850**	**13**	219
Miscellaneous			
N-Nitrosodimethylamine	160	6.5	25
Perchlorate	**249**	**0.5**	498
m-Terphenyl	180	0.67	269
o-Terphenyl	180	0.67	269
p-Terphenyl	180	0.54	333
Cyanide	213	0.18	1,183
Flouride	**14,200**	**35**	
TPHs			
Energetic			
1,2-Dinitrobenzene	28.5	0.92	31
2-Amino-4,6-Dinitrotoluene	718	0.01	119,667
HMX	17,900	6.5	2,754
M-Dinitrobenzene	28.5	0.92	31
RDX	24.5	0.3	82
SOCs			
1,2,4-Trichlorobenzene	326	10	33
1,2-Dichlorobenzene	16,100	130	124
1,3-Dichlorobenzene	7,200	20	360
1,4-Dichlorobenzene	18.2	5.6	3
1,4-Dioxane	53.2	2.3	23
2,4,5-Trichlorophenol	28,500	4	7,125
2,4,6-Trichlorophenol	20.5	4	5
2,4-Dimethylphenol	5,700	65	88

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (Less Protective) is the Recreational Standard than the EcoRBSL?
2-Methylphenol	14,300	4.3	3,326
3,5-Dimethylphenol	2,050	2.6	788
4-Chloro-3-methylphenol	28,500	1.7	16,765
4-Methylphenol	28,500	4.3	6,628
4-Nitroaniline	160	3.4	47
Benzoic Acid	1,140,000	4.5	253,333
Benzyl Alcohol	28,500	4.5	6,333
Carbazole	71.9	1.5	48
Dibenzofuran	274	1.2	228
n-Nitrosodiphenylamine as Diphenylamine	160	2.3	70
Phenol	85,500	5.1	16,765
VOCs			
1,1,1,2-Tetrachloroethane	32.9	38	1
1,1,1-Trichloroethane	72,900	1,000	73
1,1,2,2-Tetrachloroethane	3.29	51	0.1
1,1,2-Trichloro-1,2,2-trifluoroethane	394,000	220	1,791
1,1,2-Trichloroethane	6.71	9	1
1,1-Dichloroethane	25.7	78	0.3
1,1-Dichloroethene	759	6.9	110
1,1-Dimethylhydrazine	36.5	0.35	104
1,2,3-Trichlorobenzene	243	10	24
1,2,4-Trimethylbenzene	505	3.1	163
1,2-Dibromo-3-chloropropane	0.46	0.28	2
1,2-Dibromoethane	0.7	12	0.1
1,2-Dichloroethane	3.53	78	0.05
1,2-Dichloropropane	5.88	33	0.2
1,3,5-Trimethylbenzene	1,690	3.2	528
2-Butanone (MEK)	164,000	8,160	20
2-Chloroethyl Vinyl Ether	0.06	7.4	0.01
2-Chlorotoluene	3,300	16	206
2-Hexanone	1,270	23	55
4-Chlorotoluene	3,100	16	194
4-Methyl-2-pentanone (MIBK)	26,900	4.5	5,978
Acetone	311,000	46	6,761
Benzene	1.56	31	0.1
Bromobenzene	1,890	25	76
Bromodichloromethane	2.54	10	0.3
Bromoform	290	23	13
Carbon Disulfide	6,660	51	131
Carbon Tetrachloride	0.97	35	0.03
Chlorobenzene	1,620	21	77
Chloroform	9.62	69	0.1
Chloromethane	346	3.2	108
cis-1,2-Dichloroethene	115	210	1
Cymene	18,200	3.7	4,919
Dibromochloromethane	34	29	1

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (Less Protective) is the Recreational Standard than the EcoRBSL?
Dibromomethane	295	27	11
Dichlorodifluoromethane	920	41	22
Ethylbenzene	30.1	55	1
Isopropylbenzene	15,300	1.3	11,769
Methylene Chloride	37.1	27	1
n-Butylbenzene	8,260	61	135
n-Propylbenzene	24,400	73	334
Styrene	64,900	210	309
tert-Butylbenzene	16,800	1.1	15,273
Tetrachloroethene	3.52	2.2	2
Toluene	23,900	59	405
trans-1,2-Dichloroethene	1,080	130	8
Trichloroethene	10.1	1.8	6
Trichlorofluoromethane	7,100	170	42
Vinyl Chloride	0.28	0.78	0.4
Xylene (Total)	5,690	3.4	1,674

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (less protective) is the Recreational Standard than the EcoRBSL
Di-n-butylphthalate	28,500	0.11	259,091
Benzoic Acid	1,140,000	4.5	253,333
Chromium	174,000	1	174,000
Boron	71,000	0.5	142,000
2-Amino-4,6-Dinitrotoluene	718	0.006	119,667
Diethylphthalate	228,000	2.3	99,130
Phenanthrene	**77,000**	**1.2**	64,167
Dimethylphthalate	228,000	4.5	50,667
Acenaphthylene	14,900	0.33	45,152
Anthracene	**77,000**	**2**	38,500
Nickel	4,280	0.13	32,923
Aluminum	354,000	16	22,125
Selenium	**1,780**	**0.1**	17,800
4-Chloro-3-methylphenol	28,500	1.7	16,765
Phenol	85,500	5.1	16,765
tert-Butylbenzene	16,800	1.1	15,273
Acenaphthene	**15,300**	**1.1**	13,909
Molybdenum	1,780	0.13	13,692
Copper	14,200	1.1	12,909
Isopropylbenzene	15,300	1.3	11,769
Flourene	**10,200**	**0.89**	11,461
2,4,5-Trichlorophenol	28,500	4	7,125
Tin	213,000	31	6,871
Acetone	311,000	46	6,761
4-Methylphenol	28,500	4.3	6,628
Benzo(g,h,i)perylene	**7,710**	**1.2**	6,425
Pyrene	**7,710**	**1.2**	6,425
Benzo(e)pyrene	**7,710**	**1.2**	6,425
Benzyl Alcohol	28,500	4.5	6,333
4-Methyl-2-pentanone (MIBK)	26,900	4.5	5,978
Lead	**360**	**0.062**	5,806
Zinc	**107,000**	**19**	5,632
Fluoranthene	**10,300**	**1.9**	5,421
Cymene	18,200	3.7	4,919
2-Methylphenol	14,300	4.3	3,326
Antimony	**123**	**0.042**	2,929
HMX	17,900	6.5	2,754
1,1,2-Trichloro-1,2,2-trifluoroethane	394,000	220	1,791
Xylene (Total)	5,690	3.4	1,674
Bis(2-ethylhexyl)phthalate	**479**	**0.32**	1,497
Cyanide	213	0.180	1,183
Barium	51,900	44	1,180
Silver	**1,070**	**0.99**	1,081
3,5-Dimethylphenol	2,050	2.6	788
Mercury	**78.2**	**0.1**	782

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (less protective) is the Recreational Standard than the EcoRBSL
1,3,5-Trimethylbenzene	1,690	3.2	528
Perchlorate	**249**	**0.5**	498
Cadmium	**9.06**	**0.019**	477
Toluene	23,900	59	405
Manganese	29,600	79	375
1,3-Dichlorobenzene	7,200	20	360
Lithium	710	2	355
n-Propylbenzene	24,400	73	334
p-Terphenyl	180	0.54	333
Styrene	64,900	210	309
m-Terphenyl	180	0.67	269
o-Terphenyl	180	0.67	269
Vanadium	878	3.3	266
Dibenzofuran	274	1.2	228
Di-n-octylphthalate	**2,850**	**13**	219
2-Chlorotoluene	3,300	16	206
Methyl Mercury	**35.5**	**0.18**	197
4-Chlorotoluene	3,100	16	194
Strontium	213,000	1210	176
1,2,4-Trimethylbenzene	505	3.1	163
n-Butylbenzene	8,260	61	135
Aroclor 1016	16.1	0.12	134
Carbon Disulfide	6,660	51	131
1,2-Dichlorobenzene	16,100	130	124
1,1-Dichloroethene	759	6.9	110
Chloromethane	346	3.2	108
1,1-Dimethylhydrazine	36.5	0.35	104
Aroclor 1248	0.56	0.0064	88
2,4-Dimethylphenol	5,700	65	88
RDX	24.5	0.3	82
Chlorobenzene	1,620	21	77
Bromobenzene	1,890	25	76
1,1,1-Trichloroethane	72,900	1000	73
n-Nitrosodiphenylamine as Diphenylamine	160	2.3	70
2-Hexanone	1,270	23	55
Carbazole	71.9	1.5	48
4-Nitroaniline	160	3.4	47
Trichlorofluoromethane	7,100	170	42
1,2,4-Trichlorobenzene	326	10	33
2-Methylnapthalene	**918**	**29**	32
1,2-Dinitrobenzene	28.5	0.92	31
M-Dinitrobenzene	28.5	0.92	31
Beryllium	146	4.8	30
N-Nitrosodimethylamine	160	6.5	25
1,2,3-Trichlorobenzene	243	10	24

Chemical Name	Boeing Proposed Recreational Cleanup (mg/kg)	Lowest EcoRBSL (mg/kg)	How Many Times Higher (less protective) is the Recreational Standard than the EcoRBSL
1,4-Dioxane	53.2	2.3	23
Aroclor 1260	0.56	**0.025**	23
Dichlorodifluoromethane	920	41	22
2-Butanone (MEK)	164,000	8160	20
Aroclor 1254	0.56	**0.039**	14
Aroclor 5460	0.56	**0.039**	14
Aroclor 1242	0.56	0.043	13
Bromoform	290	23	13
Dibromomethane	295	27	11
Butylbenzylphthalate	756	90	8
trans-1,2-Dichloroethene	1,080	130	8
Naphthalene	**204**	**26**	8
Chrysene	9.39	1.2	8
Trichloroethene	10.1	1.8	6
2,4,6-Trichlorophenol	20.5	4	5
Thallium	3.55	1	4
Zirconium	28.4	8	4
1,4-Dichlorobenzene	18.2	5.6	3
1,2-Dibromo-3-chloropropane	0.46	0.28	2
Tetrachloroethene	3.52	2.2	2
Methylene Chloride	37.1	27	1
Dibromochloromethane	34	29	1
Benzo(a)anthracene	0.94	0.81	1
1-Methylnapthalene	**32.2**	**29**	1
1,1,1,2-Tetrachloroethane	32.9	38	1
Benzo(b)fluoranthene	0.94	1.2	1
Benzo(k)fluoranthene	0.94	1.2	1
Indeno(1,2,3-cd)pyrene	0.94	1.2	1
1,1,2-Trichloroethane	6.71	9	1
cis-1,2-Dichloroethene	115	210	1
Ethylbenzene	30.1	55	1
Vinyl Chloride	0.28	0.78	0.4
1,1-Dichloroethane	25.7	78	0.3
Bromodichloromethane	2.54	10	0.3
Dibenzo(a,h)anthracene	0.28	1.2	0.2
1,2-Dichloropropane	5.88	33	0.2
Chloroform	9.62	69	0.1
Arsenic	0.25	2.1	0.1
Benzo(a)pyrene	0.09	1.2	0.1
1,1,2,2-Tetrachloroethane	3.29	51	0.1
1,2-Dibromoethane	0.7	12	0.1
Benzene	1.56	31	0.1
1,2-Dichloroethane	3.53	78	0.05
Carbon Tetrachloride	0.97	35	0.03
2-Chloroethyl Vinyl Ether	0.06	7.4	0.01

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
Metals			
Aluminum	354,000	58,600	6
Antimony	123	0.86	143
Arsenic	0.25	46	0.01
Barium	51,900	371	140
Beryllium	146	2.2	66
Boron	71,000	34	2,088
Cadmium	9.06	0.07	129
Chromium	174,000	94	1,851
Copper	14,200	119	119
Lead	360	49	7
Lithium	710	91	8
Manganese	29,600	1,120	26
Mercury	78.2	0.13	602
Methyl Mercury	35.5	0.05	710
Molybdenum	1,780	3.2	556
Nickel	4,280	132	32
Selenium	1,780	1	1,780
Silver	1,070	0.2	5,350
Strontium	213,000	163	1,307
Thallium	3.55	1.2	3
Tin	213,000	-	
Vanadium	878	175	5
Zinc	107,000	215	498
Zirconium	28.4	19	1
Polychlorinated Biphenyl (Aroclors)			
Aroclor 1016	16.1	17	1
Aroclor 1242	0.56	17	0.03
Aroclor 1248	0.56	17	0.03
Aroclor 1254	0.56	17	0.03
Aroclor 1260	0.56	17	0.03
Aroclor 5460	0.56	50	0.01
Polycyclic Aromatic Hydrocabons			
1-Methylnapthalene	32.2	0.0025	12,880
2-Methylnapthalene	918	0.0025	367,200
Acenaphthene	15,300	0.0025	6,120,000
Acenaphthylene	14,900	0.0025	5,960,000
Anthracene	77,000	0.0025	30,800,000
Benzo(g,h,i)perylene	7,710	0.0025	3,084,000
Fluoranthene	10,300	0.0052	1,980,769

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
Flourene	10,200	0.0038	2,684,211
Naphthalene	204	0.0036	56,667
Phenanthrene	77,000	0.0039	19,743,590
Pyrene	7,710	0.0056	1,376,786
Benzo(e)pyrene	7,710	-	
Carcinogenic PAHs			
Benzo(a)anthracene	0.94	-	
Benzo(a)pyrene	0.09	-	
Benzo(b)fluoranthene	0.94	-	
Benzo(k)fluoranthene	0.94	-	
Chrysene	9.39	-	
Dibenzo(a,h)anthracene	0.28	-	
Indeno(1,2,3-cd)pyrene	0.94	-	
Phthalates			
Bis(2-ethylhexyl)phthalate	479	0.061	7,852
Butylbenzylphthalate	756	0.1	7,560
Diethylphthalate	228,000	0.027	8,444,444
Dimethylphthalate	228,000	0.027	8,444,444
Di-n-butylphthalate	28,500	0.027	1,055,556
Di-n-octylphthalate	2,850	0.027	105,556
Miscellaneous			
N-Nitrosodimethylamine	160	0.01	16,000
Perchlorate	249	0.0016	152,761
m-Terphenyl	180	-	
o-Terphenyl	180	7	26
p-Terphenyl	180	-	
Cyanide	213	0.6	355
Flouride	14,200	10.2	1,392
TPHs			
Energetic			
1,2-Dinitrobenzene	28.5	-	
2-Amino-4,6-Dinitrotoluene	718	-	
HMX	17,900	-	
M-Dinitrobenzene	28.5	-	
RDX	24.5	0.3	82
SOCs			

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
1,2,4-Trichlorobenzene	326	-	
1,2-Dichlorobenzene	16,100	-	
1,3-Dichlorobenzene	7,200	-	
1,4-Dichlorobenzene	18.2	-	
1,4-Dioxane	53.2	0.01	5,320
2,4,5-Trichlorophenol	28,500	-	
2,4,6-Trichlorophenol	20.5	-	
2,4-Dimethylphenol	5,700	-	
2-Methylphenol	14,300	-	
3,5-Dimethylphenol	2,050	-	
4-Chloro-3-methylphenol	28,500	-	
4-Methylphenol	28,500	-	
4-Nitroaniline	160	-	
Benzoic Acid	1,140,000	0.66	1,727,273
Benzyl Alcohol	28,500	-	
Carbazole	71.9	-	
Dibenzofuran	274	-	
n-Nitrosodiphenylamine as Diphenylamine	160	0.01	16,000
Phenol	85,500	0.17	502,941
VOCs			
1,1,1,2-Tetrachloroethane	32.9	-	
1,1,1-Trichloroethane	72,900	-	
1,1,2,2-Tetrachloroethane	3.29	-	
1,1,2-Trichloro-1,2,2-trifluoroethane	394,000	-	
1,1,2-Trichloroethane	6.71	-	
1,1-Dichloroethane	25.7	-	
1,1-Dichloroethene	759	0.005	151,800
1,1-Dimethylhydrazine	36.5	-	
1,2,3-Trichlorobenzene	243	-	
1,2,4-Trimethylbenzene	505	-	
1,2-Dibromo-3-chloropropane	0.46	-	
1,2-Dibromoethane	0.70	-	
1,2-Dichloroethane	3.53	-	
1,2-Dichloropropane	5.88	-	
1,3,5-Trimethylbenzene	1,690	-	
2-Butanone (MEK)	164,000	-	
2-Chloroethyl Vinyl Ether	0.06	-	
2-Chlorotoluene	3,300	-	
2-Hexanone	1,270	0.01	127,000
4-Chlorotoluene	3,100	-	
4-Methyl-2-pentanone (MIBK)	26,900	-	
Acetone	311,000	-	

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
Benzene	1.56	-	
Bromobenzene	1,890	-	
Bromodichloromethane	2.54	-	
Bromoform	290	-	
Carbon Disulfide	6,660	-	
Carbon Tetrachloride	0.97	-	
Chlorobenzene	1,620	-	
Chloroform	9.62	-	
Chloromethane	346	-	
cis-1,2-Dichloroethene	115	0.005	23,000
Cymene	18,200	-	
Dibromochloromethane	34	-	
Dibromomethane	295	-	
Dichlorodifluoromethane	920	-	
Ethylbenzene	30.1	0.005	6,020
Isopropylbenzene	15,300	-	
Methylene Chloride	37.1	0.01	3,710
n-Butylbenzene	8,260	-	
n-Propylbenzene	24,400	-	
Styrene	64,900	-	
tert-Butylbenzene	16,800	-	
Tetrachloroethene	3.52	0.005	704
Toluene	23,900	0.005	4,780,000
trans-1,2-Dichloroethene	1,080	-	
Trichloroethene	10.1	0.005	2,020
Trichlorofluoromethane	7,100	-	
Vinyl Chloride	0.28	0.005	56
Xylene (Total)	5,690	-	

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
Anthracene	77,000	0.0025	30,800,000
Phenanthrene	77,000	0.0039	19,743,590
Diethylphthalate	228,000	0.027	8,444,444
Dimethylphthalate	228,000	0.027	8,444,444
Acenaphthene	15,300	0.0025	6,120,000
Acenaphthylene	14,900	0.0025	5,960,000
Toluene	23,900	0.005	4,780,000
Benzo(g,h,i)perylene	7,710	0.0025	3,084,000
Flourene	10,200	0.0038	2,684,211
Fluoranthene	10,300	0.0052	1,980,769
Benzoic Acid	1,140,000	0.66	1,727,273
Pyrene	7,710	0.0056	1,376,786
Di-n-butylphthalate	28,500	0.027	1,055,556
Phenol	85,500	0.17	502,941
2-Methylnapthalene	918	0.0025	367,200
Perchlorate	249	0.0016	152,761
1,1-Dichloroethene	759	0.005	151,800
2-Hexanone	1,270	0.01	127,000
Di-n-octylphthalate	2,850	0.027	105,556
Naphthalene	204	0.0036	56,667
cis-1,2-Dichloroethene	115	0.005	23,000
N-Nitrosodimethylamine	160	0.01	16,000
n-Nitrosodiphenylamine as Diphenylamine	160	0.01	16,000
1-Methylnapthalene	32	0.0025	12,880
Bis(2-ethylhexyl)phthalate	479	0.061	7,852
Butylbenzylphthalate	756	0.1	7,560
Ethylbenzene	30	0.005	6,020
Silver	1,070	0.2	5,350
1,4-Dioxane	53	0.01	5,320
Methylene Chloride	37	0.01	3,710
Boron	71,000	34	2,088
Trichloroethene	10	0.005	2,020
Chromium	174,000	94	1,851
Selenium	1,780	1	1,780
Flouride	14,200	10.2	1,392
Strontium	213,000	163	1,307
Methyl Mercury	36	0.05	710
Tetrachloroethene	4	0.005	704
Mercury	78	0.13	602

Chemical Name	Boeing's Proposed Recreational Cleanup (mgkg)	Promised Background Equivalent Cleanup (AOC Look-up Table values) (mg/kg)	How Many Times Higher (Less Protective) are the Boeing Proposed Standards Compared to DTSC's Promised Background Equivalent Cleanup
Molybdenum	1,780	3.2	556
Zinc	107,000	215	498
Cyanide	213	0.6	355
Antimony	123	0.86	143
Barium	51,900	371	140
Cadmium	9	0.07	129
Copper	14,200	119	119
RDX	25	0.3	82
Beryllium	146	2.2	66
Vinyl Chloride	0.28	0.005	56
Nickel	4,280	132	32
Manganese	29,600	1,120	26
o-Terphenyl	180	7	26
Lithium	710	91	8
Lead	360	49	7
Aluminum	354,000	58,600	6
Vanadium	878	175	5
Thallium	4	1.2	3
Zirconium	28	19	1.5
Aroclor 1016	16	17	0.9
Aroclor 1242	0.56	17	0.03
Aroclor 1248	0.56	17	0.03
Aroclor 1254	0.56	17	0.03
Aroclor 1260	0.56	17	0.03
Aroclor 5460	0.56	50	0.011
Arsenic	0.25	46	0.005

Analyte	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLSConcentration, or Background (mg/kg)	Basis	App. K Scenario 2 (Supposed 25% Garden) (mg/kg)	Basis	How Many Times Higher (Less Protective) are the PEIR Appendix B Cleanup Standards than They Should Be?
Analytes Boeing Proposed Limits For (Sorted by Ratio in Column G)					
Monomethylhydrazine	0.0000000147	SRAM-Based Sub. Res. Garden	0.025	Boeing MRL	1700680
n-Nitrosodimethylamine	0.000000949	SRAM-Based Sub. Res. Garden	0.01	M-L MRL	10537
PCB_TEQ*	0.0000000075	SRAM-Based Sub. Res. Garden	0.00005	Boeing MRL	6667
1,1-Dimethylhyrdazine	0.000248	SRAM-Based Sub. Res. Garden	0.35	Boeing MRL	1411
DioxinFuran_TEQ**	0.00000000751	SRAM-Based Sub. Res. Garden	0.000005	High TRV-Based Eco RBSL	666
Benzo(ghi)perylene	1.2	Terrestrial Plants TRV-based Eco RBSL	460	High TRV-Based Eco RBSL	383
Fluoranthene	1.9	Terrestrial Plants TRV-based Eco RBSL	540	Suburban Resident Soil + CHGP (CF=.025) RBSL	284
Aroclor 5460	0.000486	SRAM-Based Sub. Res. Garden	0.05	M-L MRL	103
bis(2-Ethylhexyl) phthalate	0.32	Low TRV-based Eco RBSL	25	Suburban Resident Soil + CHGP (CF=.025) RBSL	78
Aroclor 1260	0.000489	SRAM-Based Sub. Res. Garden	0.037	Suburban Resident Soil + CHGP (CF=.025) RBSL	76
Mirex	0.0000542	SRAM-Based Sub. Res. Garden	0.004	Suburban Resident Soil + CHGP (CF=.025) RBSL	74
Dibenzo(a,h)anthracene	0.000238	SRAM-Based Sub. Res. Garden	0.0171	Suburban Resident Soil + CHGP (CF=.025) RBSL	72
Aroclor 1254	0.000488	SRAM-Based Sub. Res. Garden	0.035	Suburban Resident Soil + CHGP (CF=.025) RBSL	72
Indeno(1,2,3-cd)pyrene	0.000813	SRAM-Based Sub. Res. Garden	0.058	Suburban Resident Soil + CHGP (CF=.025) RBSL	71
Aroclor 1242	0.000486	SRAM-Based Sub. Res. Garden	0.034	Suburban Resident Soil + CHGP (CF=.025) RBSL	70
4,4'-DDD	0.00404	SRAM-Based Sub. Res. Garden	0.27	Suburban Resident Soil + CHGP (CF=.025) RBSL	67
Chrysene	0.00806	SRAM-Based Sub. Res. Garden	0.5	Suburban Resident Soil + CHGP (CF=.025) RBSL	62
Benzo(a)pyrene	0.0000809	SRAM-Based Sub. Res. Garden	0.005	Suburban Resident Soil + CHGP (CF=.025) RBSL	62
Benzo(k)fluoranthene	0.000809	SRAM-Based Sub. Res. Garden	0.05	Suburban Resident Soil + CHGP (CF=.025) RBSL	62
Pyrene	1.2	Low TRV-based Eco RBSL	73	High TRV-Based Eco RBSL	61
Pentachlorophenol	0.0527	SRAM-Based Sub. Res. Garden	3	Suburban Resident Soil + CHGP (CF=.025) RBSL	57
4,4'-DDE	0.004164	UTL 95	0.21	Suburban Resident Soil + CHGP (CF=.025) RBSL	50
Dieldrin	0.0000599	SRAM-Based Sub. Res. Garden	0.003	Suburban Resident Soil + CHGP (CF=.025) RBSL	50
Antimony	0.042	Low TRV-based Eco RBSL	2	High TRV-Based Eco RBSL	48
Butyl benzyl phthalate	0.489	SRAM-Based Sub. Res. Garden	21	Suburban Resident Soil + CHGP (CF=.025) RBSL	43
Benzo(a)anthracene	0.001222	UTL 95	0.051	Suburban Resident Soil + CHGP (CF=.025) RBSL	42
Heptachlor epoxide	0.000171	SRAM-Based Sub. Res. Garden	0.0065	High TRV-Based Eco RBSL	38
Di-n-octyl phthalate	3.61	SRAM-Based Sub. Res. Garden	130	High TRV-Based Eco RBSL	36
4,4'-DDT	0.006101	UTL 95	0.21	Suburban Resident Soil + CHGP (CF=.025) RBSL	34
Silver	0.99	Low TRV-based Eco RBSL	29	High TRV-Based Eco RBSL	29
1-Methyl naphthalene	0.0289	SRAM-Based Sub. Res. Garden	0.6	Suburban Resident Soil + CHGP (CF=.025) RBSL	21
beta-BHC	0.000548	SRAM-Based Sub. Res. Garden	0.01	Suburban Resident Soil + CHGP (CF=.025) RBSL	18
2-Methylnaphthalene	1.24	SRAM-Based Sub. Res. Garden	22.5	Suburban Resident Soil + CHGP (CF=.025) RBSL	18
Tetrachloroethene	0.00138	SRAM-Based Sub. Res. Garden	0.0216	Suburban Resident Soil + CHGP (CF=.025) RBSL	16
Benzo(b)fluoranthene	0.003264	UTL 95	0.051	Suburban Resident Soil + CHGP (CF=.025) RBSL	16
n-Nitrosodiphenylamine	0.0748	SRAM-Based Sub. Res. Garden	0.97	Suburban Resident Soil + CHGP (CF=.025) RBSL	13
Anthracene	2	Terrestrial Plants TRV-based Eco RBSL	22	High TRV-Based Eco RBSL	11
MCPP	0.249	SRAM-Based Sub. Res. Garden	2.7	Suburban Resident Soil + CHGP (CF=.025) RBSL	11
Phenanthrene	1.2	Terrestrial Plants TRV-based Eco RBSL	13	High TRV-Based Eco RBSL	11
1,2 - Dinitrobenzen	0.00882	SRAM-Based Sub. Res. Garden	0.095	Boeing RL	11
Acenaphthene	1.1	Low TRV-based Eco RBSL	11	High TRV-Based Eco RBSL	10
Di-n-butyl phthalate	0.11	Low TRV-based Eco RBSL	1.1	High TRV-Based Eco RBSL	10
Hexachlorobutadiene	0.012	SRAM-Based Sub. Res. Garden	0.11	High TRV-Based Eco RBSL	9
Trichloroethene	0.00981	SRAM-Based Sub. Res. Garden	0.07	Suburban Resident Soil + CHGP (CF=.025) RBSL	7
Mercury	0.0504	SRAM-Based Sub. Res. Garden	0.353	Suburban Resident Soil + CHGP (CF=.025) RBSL	7
1,4-Dichlorobenzene	0.14	SRAM-Based Sub. Res. Garden	0.93	Suburban Resident Soil + CHGP (CF=.025) RBSL	7
MCPA	0.12	Low TRV-based Eco RBSL	0.76	BTV	6
Perchlorate	0.0158	SRAM-Based Sub. Res. Garden	0.1	Suburban Resident Soil + CHGP (CF=.025) RBSL	6
Benzene	0.0036	SRAM-Based Sub. Res. Garden	0.021	Suburban Resident Soil + CHGP (CF=.025) RBSL	6
Methylene chloride	0.0106	SRAM-Based Sub. Res. Garden	0.056	Suburban Resident Soil + CHGP (CF=.025) RBSL	5
1,2-Dichlorobenzene	25	SRAM-Based Sub. Res. Garden	130	High TRV-Based Eco RBSL	5
Formaldehyde	3.7	SRAM-Based Sub. Res. Garden	16	Suburban Resident Soil + CHGP (CF=.025) RBSL	4
HMX	0.726	SRAM-Based Sub. Res. Garden	3.01	Suburban Resident Soil + CHGP (CF=.025) RBSL	4
Naphthalene	5.31	SRAM-Based Sub. Res. Garden	16.8	Suburban Resident Soil + CHGP (CF=.025) RBSL	3.2
Selenium	0.536	UTL 95	1.5	High TRV-Based Eco RBSL	3
Zinc	153	UTL 95	320	High TRV-Based Eco RBSL	2.1
Lead	33.9	UTL 95	39	High TRV-Based Eco RBSL	1
Arsenic	24.2	UTL 95	24.2	UTL 95	1
Barium	203.8	UTL 95	203.8	UTL 95	1
Cadmium	0.435	UTL 95	0.435	UTL 95	1
Chromium	60.11	UTL 95	60.11	UTL 95	1
Cobalt	26.18	UTL 95	26.18	UTL 95	1
Copper	42	UTL 95	42	UTL 95	1
Hexavalent Chromium	1.13	UTL 95	1.13	UTL 95	1
Manganese	723	UTL 95	723	UTL 95	1
Molybdenum	1.642	UTL 95	1.642	UTL 95	1
Nickel	64.2	UTL 95	64.2	UTL 95	1
Thallium	0.629	UTL 95	0.629	UTL 95	1

Analyte	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLSConcentration, or Background (mg/kg)	Basis	App. K Scenario 2 (Supposed 25% Garden) (mg/kg)	Basis	How Many Times Higher (Less Protective) are the PEIR Appendix B Cleanup Standards than They Should Be?
Analytes Boeing Proposed Limits For (Sorted by Ratio in Column G)					
Vanadium	111.8	UTL 95	111.8	UTL 95	1
Aroclor 1262	-	-	0.232	Suburban Resident RBSL	-
Analytes Boeing Proposed to Have No Limits (Sorted by Analytical Group)* **					
Aluminum	37900	UTL 95			
Beryllium	1.424	UTL 95			
Boron	18.85	UTL 95			
Cyanides	0.267	UTL 95			
Fluoride	35	Low TRV-based Eco RBSL			
Lithium	64.4	UTL 95			
Methyl Mercury	0.00131	SRAM-Based Sub. Res. Garden			
Strontium	121	SRAM-Based Sub. Res. Garden			
Tin	31	Low TRV-based Eco RBSL			
Zirconium	10.64	UTL 95			
1,3 Dinitrobenzene	0.00718	SRAM-Based Sub. Res. Garden			
2,4,6 Trinitrotoluene	0.00726	SRAM-Based Sub. Res. Garden			
2-Amino-4,6-dinitrotoluene	0.006	Low TRV-based Eco RBSL			
Hydrazine	0.000000667	SRAM-Based Sub. Res. Garden			
RDX	0.000867	SRAM-Based Sub. Res. Garden			
1,1,1,2-Tetrachloroethane	0.0236	SRAM-Based Sub. Res. Garden			
1,1,1-Trichloroethane	350	SRAM-Based Sub. Res. Garden			
1,1,2,2-Tetrachloroethane	0.00164	SRAM-Based Sub. Res. Garden			
1,1,2-Trichloro-1,2,2-trifluoroethane	220	Low TRV-based Eco RBSL			
1,1,2-Trichloroethane	0.00403	SRAM-Based Sub. Res. Garden			
1,1-Dichloroethane	0.0463	SRAM-Based Sub. Res. Garden			
1,1-Dichloroethene	6.64	SRAM-Based Sub. Res. Garden			
1,2,3-Trichlorobenzene	0.24	SRAM-Based Sub. Res. Garden			
1,2,4-Trichlorobenzene	0.239	SRAM-Based Sub. Res. Garden			
1,2,4-Trimethylbenzene	2.93	SRAM-Based Sub. Res. Garden			
1,2-Dibromo-3-chloropropane	0.0000891	SRAM-Based Sub. Res. Garden			
1,2-Dibromoethane	0.000086	SRAM-Based Sub. Res. Garden			
1,2-Dichloroethane	0.00407	SRAM-Based Sub. Res. Garden			
1,2-Dichloroethene	1.61	SRAM-Based Sub. Res. Garden			
1,2-Dichloropropane	0.00876	SRAM-Based Sub. Res. Garden			
1,3,5-Trimethylbenzene	2.77	SRAM-Based Sub. Res. Garden			
1,3-Dichlorobenzene	8.57	SRAM-Based Sub. Res. Garden			
2-Chloroethylvinyl ether	0.0000545	SRAM-Based Sub. Res. Garden			
2-Hexane	0.318	SRAM-Based Sub. Res. Garden			
Acetone	7.79	SRAM-Based Sub. Res. Garden			
Bromobenzene	1.87	SRAM-Based Sub. Res. Garden			
Bromodichloromethane	0.00247	SRAM-Based Sub. Res. Garden			
Bromoform	0.0405	SRAM-Based Sub. Res. Garden			
Carbon disulfide	11.2	SRAM-Based Sub. Res. Garden			
Carbon tetrachloride	0.00389	SRAM-Based Sub. Res. Garden			
Chlorobenzene	4.34	SRAM-Based Sub. Res. Garden			
Chloroform	0.0101	SRAM-Based Sub. Res. Garden			
Chloromethane	0.0518	SRAM-Based Sub. Res. Garden			
cis-1,2-Dichloroethene	0.209	SRAM-Based Sub. Res. Garden			
Cumene	1.3	Low TRV-based Eco RBSL			
Dibromochloromethane	0.00392	SRAM-Based Sub. Res. Garden			
Dibromoethane	0.891	SRAM-Based Sub. Res. Garden			
Dichlorodifluoromethane	27.3	SRAM-Based Sub. Res. Garden			
Ethylbenzene	0.0617	SRAM-Based Sub. Res. Garden			
Methyle ethyl ketone	10.3	SRAM-Based Sub. Res. Garden			
Methyl isobutyl ketone (MIBK)	4.5	Low TRV-based Eco RBSL			
m-Xylene & p-Xylene	3.3	Low TRV-based Eco RBSL			
n-Butylbenzene	16.7	SRAM-Based Sub. Res. Garden			
n-Propylbenzene	29.8	SRAM-Based Sub. Res. Garden			
o-Chlorotoluene	5.53	SRAM-Based Sub. Res. Garden			
o-Xylene	3.4	Low TRV-based Eco RBSL			
p-Chlorotoluene	5.37	SRAM-Based Sub. Res. Garden			
p-Cymene	3.7	Low TRV-based Eco RBSL			
p-Nitroaniline	0.00872	SRAM-Based Sub. Res. Garden			
sec-Butylbenzene	0.98	Low TRV-based Eco RBSL			
Styrene	45.9	SRAM-Based Sub. Res. Garden			
tert-Butylbenzene	1.1	Low TRV-based Eco RBSL			
Tetralin	5.31	SRAM-Based Sub. Res. Garden			
Toluene	16.3	SRAM-Based Sub. Res. Garden			

Analyte	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLSConcentration, or Background (mg/kg)	Basis	App. K Scenario 2 (Supposed 25% Garden) (mg/kg)	Basis	How Many Times Higher (Less Protective) are the PEIR Appendix B Cleanup Standards than They Should Be?
Analytes Boeing Proposed Limits For (Sorted by Ratio in Column G)					
trans-1,2-Dichloroethene	2.57	SRAM-Based Sub. Res. Garden			
Trichlorofluoromethane	54	SRAM-Based Sub. Res. Garden			
Vinyl chloride	0.000823	SRAM-Based Sub. Res. Garden			
Xylenes, Total	3.4	Low TRV-based Eco RBSL			
1,4-Dioxane	0.000837	SRAM-Based Sub. Res. Garden			
2,4,5-Trichlorophenol	4	Terrestrial Plants TRV-based Eco RBSL			
2,4,6-Trichlorophenol	0.0115	SRAM-Based Sub. Res. Garden			
2,4-Dimethylphenol	3.05	SRAM-Based Sub. Res. Garden			
3,5-Dimethylphenol	1.37	SRAM-Based Sub. Res. Garden			
Benzonic acid	4.5	Low TRV-based Eco RBSL			
Carbazole	0.0406	SRAM-Based Sub. Res. Garden			
Dibenzofuran	0.323	SRAM-Based Sub. Res. Garden			
Diethyl phthalate	2.3	Low TRV-based Eco RBSL			
Dimethyl phthalate	4.5	Low TRV-based Eco RBSL			
m-Cresol	5.1	Low TRV-based Eco RBSL			
o-Cresol	4.3	Low TRV-based Eco RBSL			
p-Chloro-m-cresol	1.7	Low TRV-based Eco RBSL			
p-Cresol	4.3	Low TRV-based Eco RBSL			
Pentachlorophenol	0.0527	SRAM-Based Sub. Res. Garden			
Phenol	5.1	Low TRV-based Eco RBSL			
Acenaphthylene	0.33	Low TRV-based Eco RBSL			
Benzo(e)pyrene	1.2	Low TRV-based Eco RBSL			
Fluorene	0.89	Low TRV-based Eco RBSL			
Perylene	10	Low TRV-based Eco RBSL			
Aldrin	0.0000573	SRAM-Based Sub. Res. Garden			
alpha-BHC	0.000306	SRAM-Based Sub. Res. Garden			
delta-BHC	0.000487	SRAM-Based Sub. Res. Garden			
Chlordane (Technical)	0.00278	SRAM-Based Sub. Res. Garden			
Endosulfan I	0.22	Low TRV-based Eco RBSL			
Endosulfan II	0.22	Low TRV-based Eco RBSL			
Endosulfan sulfate	0.23	Low TRV-based Eco RBSL			
Endrin	0.0079	Low TRV-based Eco RBSL			
Endrin aldehyde	0.0092	Low TRV-based Eco RBSL			
Endrin ketone	0.0086	Low TRV-based Eco RBSL			
gamma-BHC	0.000738	SRAM-Based Sub. Res. Garden			
Heptachlor	0.000237	SRAM-Based Sub. Res. Garden			
p,p'-Methoxychlor	1.75	SRAM-Based Sub. Res. Garden			
Toxaphene	0.000805	SRAM-Based Sub. Res. Garden			
2,4,5-T	2.67	SRAM-Based Sub. Res. Garden			
2,4,5-TP (Silvex)	0.55	Low TRV-based Eco RBSL			
2,4-Dichlorophenoxyacetic Acid (2,4-D)	1.1	Low TRV-based Eco RBSL			
2,4-Dichlorophenoxybutyric acid	2.29	SRAM-Based Sub. Res. Garden			
Dalapon	2.62	SRAM-Based Sub. Res. Garden			
Dicamba	4.26	SRAM-Based Sub. Res. Garden			
m-Terphenyl	0.107	SRAM-Based Sub. Res. Garden			
o-Terphenyl	0.107	SRAM-Based Sub. Res. Garden			
p-Terphenyl	0.107	SRAM-Based Sub. Res. Garden			
Diethylene Glycol	0.171	SRAM-Based Sub. Res. Garden			
Triethylene glycol	0.0592	SRAM-Based Sub. Res. Garden			
Aroclor 1016	0.0138	SRAM-Based Sub. Res. Garden			
Aroclor 1248	0.000486	SRAM-Based Sub. Res. Garden			

Acronyms

mg/kg - milligrams per kilogram
BTV- background threshold value
CF- contaminated fraction
CHGP- consumption of homegrown produce
M-L MRL- multi-lab method reporting limit
MRL- method reporting limit
PCB- polychlorinated biphenyls
RBSL- risk-based screening level
TEQ- toxic equivalent
TRV- toxicity reference value
UTL- upper threshold limit

Notes

Analyte	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLSConcentration, or Background (mg/kg)	Basis	App. K Scenario 2 (Supposed 25% Garden) (mg/kg)	Basis	How Many Times Higher (Less Protective) are the PEIR Appendix B Cleanup Standards than They Should Be?
Analytes Boeing Proposed Limits For (Sorted by Ratio in Column G)					
*Boeing only proposes values for PCB TEQ for birds and mammals, not humans. We chose to compare the PCB_TEQ value most protective of human health (SRAM-based Suburban Residential Garden Scenario RBSL) to the cleanup standard proposed by Boeing for mammals (High TRV-based Eco RBSL, which is still 10x higher [less protective] than the Low TRV-based Eco RBSL they should have used), which was more conservative than the standard proposed for birds.					
**Boeing only proposes a value for 2,3,7,8-TCDD TEQ for mammals, not humans. We chose to compare the 2,3,7,8-TCDD TEQ (DioxinFuran_TEQ) value most protective of human health (SRAM-based Suburban Residential Garden Scenario RBSL) to the cleanup standard proposed by Boeing for mammals (High TRV-based Eco RBSL, which is still 10x higher [less protective] than the Low TRV-based Eco RBSL they should have used).					
***Boeing only proposes cleanup standards for 70 analytes, presumably planning to leave all other chemical contamination unremediated. Additional analytes presented in this chart were taken from the SRAM Table 1 "Summary of the Human Health Risk-Based Screening Levels for Chemicals in Soil at the SSFL"					

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis
1-Methyl naphthalene	0.0289	SRAM-Based Sub. Res. Garden
1,1-Dichloroethane	0.0463	SRAM-Based Sub. Res. Garden
1,1-Dichloroethene	6.64	SRAM-Based Sub. Res. Garden
1,1-Dimethylhyrdazine	0.000248	SRAM-Based Sub. Res. Garden
1,1,1-Trichloroethane	350	SRAM-Based Sub. Res. Garden
1,1,1,2-Tetrachloroethane	0.0236	SRAM-Based Sub. Res. Garden
1,1,2-Trichloro-1,2,2-trifluoroethane	220	Low TRV-based Eco RBSL
1,1,2-Trichloroethane	0.00403	SRAM-Based Sub. Res. Garden
1,1,2,2-Tetrachloroethane	0.00164	SRAM-Based Sub. Res. Garden
1,2 - Dinitrobenzen	0.00882	SRAM-Based Sub. Res. Garden
1,2-Dibromo-3-chloropropane	0.0000891	SRAM-Based Sub. Res. Garden
1,2-Dibromoethane	0.000086	SRAM-Based Sub. Res. Garden
1,2-Dichlorobenzene	25	SRAM-Based Sub. Res. Garden
1,2-Dichloroethane	0.00407	SRAM-Based Sub. Res. Garden
1,2-Dichloroethene	1.61	SRAM-Based Sub. Res. Garden
1,2-Dichloropropane	0.00876	SRAM-Based Sub. Res. Garden
1,2,3-Trichlorobenzene	0.24	SRAM-Based Sub. Res. Garden
1,2,4-Trichlorobenzene	0.239	SRAM-Based Sub. Res. Garden
1,2,4-Trimethylbenzene	2.93	SRAM-Based Sub. Res. Garden
1,3 Dinitrobenzene	0.00718	SRAM-Based Sub. Res. Garden
1,3-Dichlorobenzene	8.57	SRAM-Based Sub. Res. Garden
1,3,5-Trimethylbenzene	2.77	SRAM-Based Sub. Res. Garden
1,4-Dichlorobenzene	0.14	SRAM-Based Sub. Res. Garden
1,4-Dioxane	0.000837	SRAM-Based Sub. Res. Garden
2-Amino-4,6-dinitrotoluene	0.006	Low TRV-based Eco RBSL
2-Chloroethylvinyl ether	0.0000545	SRAM-Based Sub. Res. Garden
2-Hexane	0.318	SRAM-Based Sub. Res. Garden
2-Methylnaphthalene	1.24	SRAM-Based Sub. Res. Garden
2,3,7,8-TCDD TEQ*	0.00000000751	SRAM-Based Sub. Res. Garden
2,4-Dichlorophenoxyacetic Acid (2,4-D)	1.1	Low TRV-based Eco RBSL
2,4-Dichlorophenoxybutyric acid	2.29	SRAM-Based Sub. Res. Garden
2,4-Dimethylphenol	3.05	SRAM-Based Sub. Res. Garden
2,4,5-T	2.67	SRAM-Based Sub. Res. Garden
2,4,5-TP (Silvex)	0.55	Low TRV-based Eco RBSL
2,4,5-Trichlorophenol	4	Terrestrial Plants TRV-based Eco RBSL
2,4,6 Trinitrotoluene	0.00726	SRAM-Based Sub. Res. Garden
2,4,6-Trichlorophenol	0.0115	SRAM-Based Sub. Res. Garden

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis
3,5-Dimethylphenol	1.37	SRAM-Based Sub. Res. Garden
4,4'-DDD	0.00404	SRAM-Based Sub. Res. Garden
4,4'-DDE	0.004164	UTL 95
4,4'-DDT	0.006101	UTL 95
Acenaphthene	1.1	Low TRV-based Eco RBSL
Acenaphthylene	0.33	Low TRV-based Eco RBSL
Acetone	7.79	SRAM-Based Sub. Res. Garden
Aldrin	0.0000573	SRAM-Based Sub. Res. Garden
alpha-BHC	0.000306	SRAM-Based Sub. Res. Garden
Aluminum	37900	UTL 95
Anthracene	2	Terrestrial Plants TRV-based Eco RBSL
Antimony	0.042	Low TRV-based Eco RBSL
Aroclor 1016	0.0138	SRAM-Based Sub. Res. Garden
Aroclor 1242	0.000486	SRAM-Based Sub. Res. Garden
Aroclor 1248	0.000486	SRAM-Based Sub. Res. Garden
Aroclor 1254	0.000488	SRAM-Based Sub. Res. Garden
Aroclor 1260	0.000489	SRAM-Based Sub. Res. Garden
Aroclor 1262	-	
Aroclor 5460	0.000486	SRAM-Based Sub. Res. Garden
Arsenic	24.2	UTL 95
Barium	203.8	UTL 95
Benzene	0.0036	SRAM-Based Sub. Res. Garden
Benzo(a)anthracene	0.001222	UTL 95
Benzo(a)pyrene	0.0000809	SRAM-Based Sub. Res. Garden
Benzo(b)fluoranthene	0.003264	UTL 95
Benzo(e)pyrene	1.2	Low TRV-based Eco RBSL
Benzo(ghi)perylene	1.2	Terrestrial Plants TRV-based Eco RBSL
Benzo(k)fluoranthene	0.000809	SRAM-Based Sub. Res. Garden
Benzonic acid	4.5	Low TRV-based Eco RBSL
Beryllium	1.424	UTL 95
beta-BHC	0.000548	SRAM-Based Sub. Res. Garden
bis(2-Ethylhexyl) phthalate	0.32	Low TRV-based Eco RBSL
Boron	18.85	UTL 95
Bromobenzene	1.87	SRAM-Based Sub. Res. Garden
Bromodichloromethane	0.00247	SRAM-Based Sub. Res. Garden
Bromoform	0.0405	SRAM-Based Sub. Res. Garden
Butyl benzyl phthalate	0.489	SRAM-Based Sub. Res. Garden

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis
Cadmium	0.435	UTL 95
Carbazole	0.0406	SRAM-Based Sub. Res. Garden
Carbon disulfide	11.2	SRAM-Based Sub. Res. Garden
Carbon tetrachloride	0.00389	SRAM-Based Sub. Res. Garden
Chlordane (Technical)	0.00278	SRAM-Based Sub. Res. Garden
Chlorobenzene	4.34	SRAM-Based Sub. Res. Garden
Chloroform	0.0101	SRAM-Based Sub. Res. Garden
Chloromethane	0.0518	SRAM-Based Sub. Res. Garden
Chromium	60.11	UTL 95
Chrysene	0.00806	SRAM-Based Sub. Res. Garden
cis-1,2-Dichloroethene	0.209	SRAM-Based Sub. Res. Garden
Cobalt	26.18	UTL 95
Copper	42	UTL 95
Cumene	1.3	Low TRV-based Eco RBSL
Cyanides	0.267	UTL 95
Dalapon	2.62	SRAM-Based Sub. Res. Garden
delta-BHC	0.000487	SRAM-Based Sub. Res. Garden
Di-n-butyl phthalate	0.11	Low TRV-based Eco RBSL
Di-n-octyl phthalate	3.61	SRAM-Based Sub. Res. Garden
Dibenzo(a,h)anthracene	0.000238	SRAM-Based Sub. Res. Garden
Dibenzofuran	0.323	SRAM-Based Sub. Res. Garden
Dibromochloromethane	0.00392	SRAM-Based Sub. Res. Garden
Dibromoethane	0.891	SRAM-Based Sub. Res. Garden
Dicamba	4.26	SRAM-Based Sub. Res. Garden
Dichlorodifluoromethane	27.3	SRAM-Based Sub. Res. Garden
Dieldrin	0.0000599	SRAM-Based Sub. Res. Garden
Diethyl phthalate	2.3	Low TRV-based Eco RBSL
Diethylene Glycol	0.171	SRAM-Based Sub. Res. Garden
Dimethyl phthalate	4.5	Low TRV-based Eco RBSL
Endosulfan I	0.22	Low TRV-based Eco RBSL
Endosulfan II	0.22	Low TRV-based Eco RBSL
Endosulfan sulfate	0.23	Low TRV-based Eco RBSL
Endrin	0.0079	Low TRV-based Eco RBSL
Endrin aldehyde	0.0092	Low TRV-based Eco RBSL
Endrin ketone	0.0086	Low TRV-based Eco RBSL
Ethylbenzene	0.0617	SRAM-Based Sub. Res. Garden
Fluoranthene	1.9	Terrestrial Plants TRV-based Eco RBSL

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis
Fluorene	0.89	Low TRV-based Eco RBSL
Fluoride	35	Low TRV-based Eco RBSL
Formaldehyde	3.7	SRAM-Based Sub. Res. Garden
gamma-BHC	0.000738	SRAM-Based Sub. Res. Garden
Heptachlor	0.000237	SRAM-Based Sub. Res. Garden
Heptachlor epoxide	0.000171	SRAM-Based Sub. Res. Garden
Hexachlorobutadiene	0.012	SRAM-Based Sub. Res. Garden
Hexavalent Chromium	1.13	UTL 95
HMX	0.726	SRAM-Based Sub. Res. Garden
Hydrazine	0.000000667	SRAM-Based Sub. Res. Garden
Indeno(1,2,3-cd)pyrene	0.000813	SRAM-Based Sub. Res. Garden
Lead	33.9	UTL 95
Lithium	64.4	UTL 95
m-Cresol	5.1	Low TRV-based Eco RBSL
m-Terphenyl	0.107	SRAM-Based Sub. Res. Garden
m-Xylene & p-Xylene	3.3	Low TRV-based Eco RBSL
Manganese	723	UTL 95
MCPA	0.12	Low TRV-based Eco RBSL
MCPP	0.249	SRAM-Based Sub. Res. Garden
Mercury	0.0504	SRAM-Based Sub. Res. Garden
Methyl isobutyl ketone (MIBK)	4.5	Low TRV-based Eco RBSL
Methyl Mercury	0.00131	SRAM-Based Sub. Res. Garden
Methyle ethyl ketone	10.3	SRAM-Based Sub. Res. Garden
Methylene chloride	0.0106	SRAM-Based Sub. Res. Garden
Mirex	0.0000542	SRAM-Based Sub. Res. Garden
Molybdenum	1.642	UTL 95
Monomethylhydrazine	0.0000000147	SRAM-Based Sub. Res. Garden
n-Butylbenzene	16.7	SRAM-Based Sub. Res. Garden
n-Nitrosodimethylamine	0.000000949	SRAM-Based Sub. Res. Garden
n-Nitrosodiphenylamine	0.0748	SRAM-Based Sub. Res. Garden
n-Propylbenzene	29.8	SRAM-Based Sub. Res. Garden
Naphthalene	5.31	SRAM-Based Sub. Res. Garden
Nickel	64.2	UTL 95
o-Chlorotoluene	5.53	SRAM-Based Sub. Res. Garden
o-Cresol	4.3	Low TRV-based Eco RBSL
o-Terphenyl	0.107	SRAM-Based Sub. Res. Garden
o-Xylene	3.4	Low TRV-based Eco RBSL

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis
p-Chloro-m-cresol	1.7	Low TRV-based Eco RBSL
p-Chlorotoluene	5.37	SRAM-Based Sub. Res. Garden
p-Cresol	4.3	Low TRV-based Eco RBSL
p-Cymene	3.7	Low TRV-based Eco RBSL
p-Nitroaniline	0.00872	SRAM-Based Sub. Res. Garden
p-Terphenyl	0.107	SRAM-Based Sub. Res. Garden
p,p'-Methoxychlor	1.75	SRAM-Based Sub. Res. Garden
PCB TEQ**	0.0000000075	SRAM-Based Sub. Res. Garden
Pentachlorophenol	0.0527	SRAM-Based Sub. Res. Garden
Pentachlorophenol	0.0527	SRAM-Based Sub. Res. Garden
Perchlorate	0.0158	SRAM-Based Sub. Res. Garden
Perylene	10	Low TRV-based Eco RBSL
Phenanthrene	1.2	Terrestrial Plants TRV-based Eco RBSL
Phenol	5.1	Low TRV-based Eco RBSL
Pyrene	1.2	Low TRV-based Eco RBSL
RDX	0.000867	SRAM-Based Sub. Res. Garden
sec-Butylbenzene	0.98	Low TRV-based Eco RBSL
Selenium	0.536	UTL 95
Silver	0.99	Low TRV-based Eco RBSL
Strontium	121	SRAM-Based Sub. Res. Garden
Styrene	45.9	SRAM-Based Sub. Res. Garden
tert-Butylbenzene	1.1	Low TRV-based Eco RBSL
Tetrachloroethene	0.00138	SRAM-Based Sub. Res. Garden
Tetralin	5.31	SRAM-Based Sub. Res. Garden
Thallium	0.629	UTL 95
Tin	31	Low TRV-based Eco RBSL
Toluene	16.3	SRAM-Based Sub. Res. Garden
Toxaphene	0.000805	SRAM-Based Sub. Res. Garden
trans-1,2-Dichloroethene	2.57	SRAM-Based Sub. Res. Garden
Trichloroethene	0.00981	SRAM-Based Sub. Res. Garden
Trichlorofluoromethane	54	SRAM-Based Sub. Res. Garden
Triethylene glycol	0.0592	SRAM-Based Sub. Res. Garden
Vanadium	111.8	UTL 95
Vinyl chloride	0.000823	SRAM-Based Sub. Res. Garden
Xylenes, Total	3.4	Low TRV-based Eco RBSL
Zinc	153	UTL 95
Zirconium	10.64	UTL 95

Analyte (Alphabetical)	Cleanup Standard Based on SRAM-Based Suburban Residential Garden RBSL, Lowest EcoRBLS Concentration, or Background (mg/kg)	Basis

Notes

*Appendix K only includes a value for 2,3,7,8-TCDD TEQ based on mammals, not humans. This chart includes the 2,3,7,8-TCDD TEQ (DioxinFuran_TEQ) value for human health (SRAM-based Suburban Residential Garden Scenario RBSL). It is not clear from the PEIR if the TEQs for mammals are calculated the same as for humans.

**Appendix K only includes values for PCB TEQ for birds and mammals, not humans. This chart uses the PCB_TEQ value for human health (SRAM-based Suburban Residential Garden Scenario RBSL). It is not clear from the PEIR if he TEQs for birds and mammals are calculated the same as for humans.

Acronyms

mg/kg - milligrams per kilogram

BTV- background threshold value

CF- contaminated fraction

CHGP- consumption of homegrown produce

M-L MRL- multi-lab method reporting limit

MRL- method reporting limit

PCB- polychlorinated biphenyls

RBSL- risk-based screening level

TEQ- toxic equivalent

TRV- toxicity reference value

UTL- upper threshold limit

Analyte*	Lowest Eco RBSL (mg/kg)	Source for Eco RBSL	SRAM-Based Sub. Res. Garden (mg/kg)	UTL 95 (mg/kg)	App. B LUT (mg/kg)	Source for LUT
DioxinFuran_TEQ_Mammal	0.0000005	Low TRV				
1,2 - Dinitrobenzen	0.92	Low TRV	0.00882			
HMX	110	Low TRV	0.726			
Perchlorate	0.5	Low TRV	0.0158		0.00163	BTV
Antimony	0.042	Low TRV	0.139		0.86	BTV
Arsenic	2.1	Low TRV	0.000092	24.2	46	BTV
Barium	44	Low TRV	71.5	203.8	371	BTV
Cadmium	0.019	Low TRV	0.00165	0.435	0.7	BTV
Chromium	1	Terrestrial Plants	542	60.11	94	BTV
Cobalt	12	Low TRV	0.0997	26.18	44	BTV
Copper	1.1	Low TRV	11.1	42	119	BTV
Hexavalent Chromium	7.3	Low TRV	0.00194	1.13	2	BTV
Lead	0.062	Low TRV	6.9	33.9	49	BTV
Manganese	79	Low TRV	40	723	1120	BTV
Mercury	0.1	Soil Invertebrates	0.0504		0.13	BG MRL
Molybdenum	0.13	Low TRV	1.38	1.642	3.2	BTV
Nickel	0.13	Low TRV	6.07	64.2	132	BTV
Selenium	0.1	Low TRV	1.31	0.536	1	BTV
Silver	0.99	Low TRV	1.81	0.095	0.2	BTV
Thallium	1	Terrestrial Plants	0.0036	0.629	1.2	BTV
Vanadium	3.3	Low TRV	1.8	111.8	175	BTV
Zinc	19	Low TRV	53.8	153	215	BTV
1-Methyl naphthalene	52	Low TRV	0.0289		0.0025	BG MRL
2-Methylnaphthalene	53	Low TRV	1.24		0.0025	BG MRL
Acenaphthene	1.1	Low TRV	18.7		0.0025	BG MRL
Anthracene	2	Terrestrial Plants	101		0.0025	BG MRL
Benzo(a)anthracene	0.81	Low TRV	0.000805	0.001222	note	
Benzo(a)pyrene	1.2	Terrestrial Plants	0.0000809		note	
Benzo(b)fluoranthene	1.2	Terrestrial Plants	0.000805	0.003264	note	
Benzo(ghi)perylene	1.2	Terrestrial Plants	10.8	0.001177	0.0025	BG MRL
Benzo(k)fluoranthene	1.2	Terrestrial Plants	0.000809		note	
Chrysene	1.2	Low TRV	0.00806	0.002457	note	
Dibenzo(a,h)anthracene	1.2	Terrestrial Plants	0.000238		note	
Fluoranthene	1.9	Terrestrial Plants	14		0.0052	BTV
Indeno(1,2,3-cd)pyrene	1.2	Terrestrial Plants	0.000813		note	
Naphthalene	26	Low TRV	5.31		0.0036	BTV
Phenanthrene	1.2	Terrestrial Plants	101	0.001864	0.0039	BTV
Pyrene	1.2	Low TRV	10.4	0.002586	0.0056	BTV
Aroclor 1242	0.043	Low TRV	0.000486		0.017	M-L MRL
Aroclor 1254	0.039	Low TRV	0.000488		0.017	M-L MRL
Aroclor 1260	0.025	Low TRV	0.000489		0.017	M-L MRL
Aroclor 1262					0.033	M-L MRL
Aroclor 5460	0.039	Low TRV	0.000486		0.05	M-L MRL
PCB_TEQ_Bird	0.0000057	Low TRV				
PCB_TEQ_Mammal	0.000005	Low TRV				
4,4'-DDD	0.0051	Low TRV	0.00404		0.00048	BG MRL
4,4'-DDE	0.0041	Low TRV	0.00287	0.004164	0.0086	BTV
4,4'-DDT	0.0035	Low TRV	0.00287	0.006101	0.013	BTV
beta-BHC	0.59	Low TRV	0.000548		0.00023	BTV
Dieldrin	0.013	Low TRV	0.0000599		0.00048	BTV
Heptachlor epoxide	0.0013	Low TRV	0.000171		0.00024	BTV
MCPA	0.12	Low TRV	0.131		0.761	BTV
MCPP			0.249		0.377	BTV
Mirex	0.034	Low TRV	0.0000542		0.0005	BTV
bis(2-Ethylhexyl) phthalate	0.32	Low TRV	0.326		0.061	BTV
Butyl benzyl phthalate	90	Low TRV	0.489		0.1	BTV
Di-n-butyl phthalate	0.11	Low TRV	33.7		0.027	BG MRL

Analyte*	Lowest Eco RBSL (mg/kg)	Source for Eco RBSL	SRAM-Based Sub. Res. Garden (mg/kg)	UTL 95 (mg/kg)	App. B LUT (mg/kg)	Source for LUT
Di-n-octyl phthalate	13	Low TRV	3.61		0.027	BG MRL
Formaldehyde	43	Low TRV	3.7		1.87	BG MRL
Hexachlorobutadiene	0.022	Low TRV	0.012		0.005	M-L MRL
n-Nitrosodimethylamine	6.5	Low TRV	0.000000949		0.01	M-L MRL
n-Nitrosodiphenylamine	2.3	Low TRV	0.0748			
Pentachlorophenol	2.8	Low TRV	0.0527			
1,1-Dimethylhyrdazine	0.35	Low TRV	0.000248			
1,2-Dichlorobenzene	130	Low TRV	25			
1,4-Dichlorobenzene	5.6	Low TRV	0.14			
Benzene	31	Terrestrial Plants	0.0036		0.005	M-L MRL
Methylene chloride	27	Low TRV	0.0106		0.01	M-L MRL
Monomethylhydrazine	0.35	Low TRV	0.0000000147			
Tetrachloroethene	2.2	Low TRV	0.00138		0.005	M-L MRL
Trichloroethene	1.8	Low TRV	0.00981		0.005	M-L MRL
Additional Analytes Not Considered in App K Table 3						
Aluminum	16	Low TRV		37900		
Beryllium	4.8	Low TRV	0.716	1.424		
Boron	0.5	Terrestrial Plants	14.9	18.85		
Cyanides	0.18	Low TRV	0.0278	0.267		
Fluoride	35	Low TRV		5.387		
Lithium	2	Terrestrial Plants	0.706	64.4		
Methyl Mercury	0.18	Low TRV	0.00131			
Strontium	1210	Low TRV	121	79.1		
Tin	31	Low TRV	101			
Zirconium	8	Low TRV	0.0289	10.64		
1,3 Dinitrobenzene	0.92	Low TRV	0.00718			
2,4,6 Trinitrotoluene	0.13	Low TRV	0.00726			
2-Amino-4,6-dinitrotoluene	0.006	Low TRV	0.204			
Hydrazine			0.000000667			
RDX	0.3	Low TRV	0.000867			
1,1,1,2-Tetrachloroethane	38	Low TRV	0.0236			
1,1,1-Trichloroethane	1000	Terrestrial Plants	350			
1,1,2,2-Tetrachloroethane	51	Low TRV	0.00164			
1,1,2-Trichloro-1,2,2-trifluoroethane	220	Low TRV	7560			
1,1,2-Trichloroethane	9	Low TRV	0.00403			
1,1-Dichloroethane	78	Low TRV	0.0463			
1,1-Dichloroethene	6.9	Low TRV	6.64			
1,2,3-Trichlorobenzene	10	Low TRV	0.24			
1,2,4-Trichlorobenzene	10	Low TRV	0.239			
1,2,4-Trimethylbenzene	3.1	Low TRV	2.93			
1,2-Dibromo-3-chloropropane			0.0000891			
1,2-Dibromoethane	12	Low TRV	0.000086			
1,2-Dichloroethane	78	Low TRV	0.00407			
1,2-Dichloroethene	130	Low TRV	1.61			
1,2-Dichloropropane	33	Low TRV	0.00876			
1,3,5-Trimethylbenzene	3.2	Low TRV	2.77			
1,3-Dichlorobenzene	20	Soil Invertebrates	8.57			
2-Chloroethylvinyl ether	7.4	Soil Invertebrates	0.0000545			
2-Hexane	23	Low TRV	0.318			
Acetone	46	Low TRV	7.79			
Bromobenzene	25	Low TRV	1.87			
Bromodichloromethane	10	Low TRV	0.00247			
Bromoform			0.0405			
Carbon disulfide	51	Low TRV	11.2			
Carbon tetrachloride	35	Low TRV	0.00389			
Chlorobenzene	21	Low TRV	4.34			

Analyte*	Lowest Eco RBSL (mg/kg)	Source for Eco RBSL	SRAM-Based Sub. Res. Garden (mg/kg)	UTL 95 (mg/kg)	App. B LUT (mg/kg)	Source for LUT
Chloroform	69	Low TRV	0.0101			
Chloromethane	3.2	Low TRV	0.0518			
cis-1,2-Dichloroethene	210	Low TRV	0.209			
Cumene	1.3	Low TRV	29.6			
Dibromochloromethane			0.00392			
Dibromoethane	27	Low TRV	0.891			
Dichlorodifluoromethane	41	Low TRV	27.3			
Ethylbenzene	55	Terrestrial Plants	0.0617			
Methyle ethyl ketone	8160	Low TRV	10.3			
Methyl isobutyl ketone (MIBK)	4.5	Low TRV	4.7			
m-Xylene & p-Xylene	3.3	Low TRV	49.6			
n-Butylbenzene	61	Low TRV	16.7			
n-Propylbenzene	73	Low TRV	29.8			
o-Chlorotoluene	16	Low TRV	5.53			
o-Xylene	3.4	Low TRV	49.6			
p-Chlorotoluene	16	Low TRV	5.37			
p-Cymene	3.7	Low TRV	32.2			
p-Nitroaniline			0.00872			
sec-Butylbenzene	0.98	Low TRV	33.9			
Styrene	210	Low TRV	45.9			
tert-Butylbenzene	1.1	Low TRV	32.2			
Tetralin	29	Soil Invertebrates	5.31			
Toluene	59	Low TRV	16.3			
trans-1,2-Dichloroethene	130	Low TRV	2.57			
Trichlorofluoromethane	170	Low TRV	54			
Vinyl chloride	0.78	Low TRV	0.000823			
Xylenes, Total	3.4	Low TRV	49.6			
1,4-Dioxane	2.3	Low TRV	0.000837			
2,4,5-Trichlorophenol	4	Terrestrial Plants	30			
2,4,6-Trichlorophenol	4	Terrestrial Plants	0.0115			
2,4-Dimethylphenol	65	Low TRV	3.05			
3,5-Dimethylphenol	2.6	Low TRV	1.37			
Benzonic acid	4.5	Low TRV	421			
Carbazole	1.5	Low TRV	0.0406			
Dibenzofuran			0.323			
Diethyl phthalate	2.3	Low TRV	133			
Dimethyl phthalate	4.5	Low TRV	64.4			
m-Cresol	5.1	Low TRV	5.72			
o-Cresol	4.3	Low TRV	5.67			
p-Chloro-m-cresol	1.7	Low TRV	24.6			
p-Cresol	4.3	Low TRV	11.2			
Pentachlorophenol	2.8	Low TRV	0.0527			
Phenol	5.1	Low TRV	20.7			
Acenaphthylene	0.33	Low TRV	18.8			
Benzo(e)pyrene	1.2	Terrestrial Plants	10.8			
Fluorene	0.89	Low TRV	13	0.001805		
Perylene	10	Low TRV	10.8			
Aldrin	0.057	Low TRV	0.0000573			
alpha-BHC	0.073	Low TRV	0.000306			
delta-BHC	0.067	Low TRV	0.000487			
Chlordane (Technical)	1.1	Low TRV	0.00278			
Endosulfan I	0.22	Low TRV	1.84			
Endosulfan II	0.22	Low TRV	1.84			
Endosulfan sulfate	0.23	Low TRV	1.77			
Endrin	0.0079	Low TRV	0.105			
Endrin aldehyde	0.0092	Low TRV	0.103			
Endrin ketone	0.0086	Low TRV	0.105			

Analyte*	Lowest Eco RBSL (mg/kg)	Source for Eco RBSL	SRAM-Based Sub. Res. Garden (mg/kg)	UTL 95 (mg/kg)	App. B LUT (mg/kg)	Source for LUT
gamma-BHC	0.075	Low TRV	0.000738			
Heptachlor	0.087	Low TRV	0.000237			
p,p'-Methoxychlor	2.5	Low TRV	1.75			
Toxaphene	5.8	Low TRV	0.000805			
2,4,5-T	4.8	Low TRV	2.67			
2,4,5-TP (Silvex)	0.55	Low TRV	2.44			
2,4-Dichlorophenoxyacetic Acid (2,4-D)	1.1	Low TRV	2.13			
2,4-Dichlorophenoxybutyric acid	6.2	Low TRV	2.29			
Dalapon	39	Low TRV	2.62			
Dicamba	14	Low TRV	4.26			
m-Terphenyl	0.67	Low TRV	0.107			
o-Terphenyl	0.67	Low TRV	0.107			
p-Terphenyl	0.54	Low TRV	0.107			
Diethylene Glycol			0.171			
Triethylene glycol			0.0592			
2,3,7,8-TCDD TEQ	0.5	Soil Invertebrates	0.00000000751			
Aroclor 1016	0.12	Low TRV	0.0138			
Aroclor 1248	0.0064	Low TRV	0.000486			
PCB TEQ			0.0000000075			

Notes

Red denotes the value chosen for the final chart

Grey denotes values not considered for final chart

*Sorted by analytic group

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Inorganic Compounds			
Aluminum	160	16	10
Antimony	2	0.042	48
Arsenic	31	2.1	15
Barium	89	44	2
Beryllium	13	4.8	3
Boron	73	22	3
Cadmium	0.81	0.019	43
Chromium	14	1.9	7
Cobalt	190	12	16
Copper	24	1.1	22
Cyanides	1.8	0.18	10
Flouride	140	35	4
Hexavalent Chromium	30	7.3	4
Lead	39	0.062	629
Lithium	87	43	2
Manganese	920	79	12
Mercury	1.7	0.87	2
Methyl Mercury	0.82	0.18	5
Molybdenum	1.3	0.13	10
Nickel	30	0.13	231
Selenium	1.5	0.1	15
Silver	29	0.99	29
Strontium	1750	1210	1
Thallium	8.2	1.8	5
Tin	77	31	2
Titanium	45	4.5	10
Vanadium	16	3.3	5
Zinc	320	19	17
Zirconium	NTV	8	
Energetic Constituents			
1,2-Dinitrobenzene	2.5	0.92	3
1,3-Dinitrobenzene	2.5	0.92	3
2,4,6-Trinitrotoluene	0.65	0.13	5
2-Amino-4,6-dinitrotoluene	0.46	0.006	77
HMX	630	110	6
Hydrazine	NTV	NTV	
Monomethylhydrazine	1.7	0.35	5
Perchlorate	7.7	0.5	15
RDX	1.5	0.3	5

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Volatile Organic Compounds			
1,1,1,2-Tetrachloroethane	190	38	5
1,1,1-Trichloroethane	6,240	2,460	3
1,1,2,2-Tetrachloroethane	100	51	2
1,1,2-Trichloro-1,2,2-trifluoroethane	NTV	220	
1,1,2-Trichloroethane	100	9	11
1,1-Dichloroethane	160	78	2
1,1-Dichloroethene	18	6.9	3
1,2,3-Trichlorobenzene	37	10	4
1,2,4-Trichlorobenzene	37	10	4
1,2,4-Trimethylbenzene	4	3.1	1
1,2-Dibromoethane	62	12	5
1,2-Dichlorobenzene	130	130	1
1,2-Dichloroethane	160	78	2
1,2-Dichloroethene	250	130	2
1,2-Dichloropropane	160	33	5
1,3,5-Trimethylbenzene	4.1	3.2	1
1,3-Dichlorobenzene	110	23	5
1,4-Dichlorobenzene	28	5.6	5
2-Chloroethylvinyl Ether	910	160	6
2-Hexanone	170	23	7
Acetone	230	46	5
Acetic Acid	1,660	410	4
Benzene	730	73	10
Bromide	NTV	NTV	
Bromobenzene	43	25	2
Bromodichloromethane	51	10	5
Carbon Disulfide	NTV	51	
Carbon Tetrachloride	NTV	35	
Chlorobenzene	43	21	2
Chloroform	190	69	3
Chloromethane	16	3.2	5
cis-1,2-Dichloroethene	220	210	1
Cumene	13	1.3	10
Dibenzofuran	12	1.2	10
Dibromomethane	230	27	9
Dichlorodifluoromethane	410	41	10
Ethylbenzene	240	79	3
2-Butanone (MEK)	21,100	8,160	3
4-Methyl-2-pentanone (MIBK)	45	4.5	10

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Methylene Chloride	230	27	9
m-Xylene & p-Xylene	4.2	3.3	1
n-Butylbenzene	180	61	3
n-Hexane	NC	NC	
Nitrobenzene	NC	NC	
n-Propylbenzene	220	73	3
o-Chlorotoluene	63	16	4
o-Xylene	4.3	3.4	1
p-Chlorotoluene	64	16	4
p-Cymene	37	3.7	10
sec-Butylbenzene	9.8	0.98	10
Styrene	420	210	2
tert-Butylbenzene	11	1.1	10
Tetralin	290	58	5
Tetrachloroethene	11	2.2	5
Toluene	590	59	10
trans-1,2-Dichloroethene	240	130	2
Trichloroethene	18	1.8	10
Trichlorofluoromethane	850	170	5
Vinyl Chloride	7.8	0.78	10
Xylene (Total)	4.2	3.4	1
Semi-Volatile Organic Compounds			
1,1-Dimethylhydrazine	1.7	0.35	5
1,2-Dibromo-3-chloropropane	1.4	0.28	5
1,4-Dioxane	4.6	2.3	2
2,4,5-Trichlorophenol	220	75	3
2,4,6-Trichlorophenol	230	75	3
2,4-Dichlorophenol	330	65	5
3,5-Dimethylphenol	26	2.6	10
4-Nitrophenol	NC	8	
Benzoic Acid	45	4.5	10
Benzyl Alcohol	45	4.5	10
bis(2-Ethylhexyl) pthalate	65	0.32	203
Bromoroform	45	23	2
Butyl benzyl phthalate	260	90	3
Carbazole	15	1.5	10
Dibromochloromethane	59	29	2
Diethyl phthalate	23	2.3	10
Dimethly phthalate	45	4.5	10
Di-n-butylphthalate	1.1	0.11	10

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Di-n-octylphthalate	130	13	10
Formaldehyde	380	43	9
Hexachlorobutadiene	0.11	0.022	5
Hexachlorocyclopentadiene	5.6	3	2
m-Cresol	51	5.1	10
n-Nitrosodimethylamine	79	6.5	12
n-Nitrosodiphenylamine	28	2.3	12
o-Cresol	43	4.3	10
p-Chloro-m-cresol	17	1.7	10
p-Cresol	43	4.3	10
Pentachlorophenol	10	2.8	4
Phenol	51	5.1	10
p-Nitroaniline	34	3.4	10
Polynuclear Aromatic Hydrocarbons			
1-Methylnapthalene	260	52	5
2-Methylnapthalene	260	53	5
Acenaphthene	11	1.1	10
Acenaphthylene	3.3	0.33	10
Anthracene	22	2.2	10
Benzo(a)anthracene	50	0.81	62
Benzo(a)pyrene	310	5.1	61
Benzo(b)fluoranthene	150	2.4	63
Benzo(e)pyrene	270	4.4	61
Benzo(g,h,i)perylene	460	7.4	62
Benzo(k)fluoranthene	310	4.9	63
Chrysene	76	1.2	63
Dibenzo(a,h)anthracene	140	2.3	61
Fluoranthene	880	54	16
Flourene	8.9	0.89	10
Indeno(1,2,3-cd)pyrene	300	4.8	63
Naphthalene	130	36	4
Perylene	220	10	22
Phenanthrene	13	1.3	10
Pyrene	73	1.2	61
Terphenyls			
m-Terphenyl	6.7	0.67	10
o-Terphenyl	6.7	0.67	10
p-Terphenyl	5.4	0.54	10
Polychlorinated Buphenyls (PCBs)			
Aroclor 1016	1.2	0.12	10

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Aroclor 1221	1.8	0.18	10
Aroclor 1232	0.82	0.082	10
Aroclor 1242	0.43	0.043	10
Aroclor 1248	0.064	0.0064	10
Aroclor 1254	0.39	0.039	10
Aroclor 1260	0.25	0.025	10
Aroclor 5460	0.39	0.039	10

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
Lead	39	0.062	629
Nickel	30	0.13	231
bis(2-Ethylhexyl) pthalate	65	0.32	203
2-Amino-4,6-dinitrotoluene	0.46	0.006	77
Chrysene	76	1.2	63
Benzo(k)fluoranthene	310	4.9	63
Benzo(b)fluoranthene	150	2.4	63
Indeno(1,2,3-cd)pyrene	300	4.8	63
Benzo(g,h,i)perylene	460	7.4	62
Benzo(a)anthracene	50	0.81	62
Benzo(e)pyrene	270	4.4	61
Dibenzo(a,h)anthracene	140	2.3	61
Pyrene	73	1.2	61
Benzo(a)pyrene	310	5.1	61
Antimony	2	0.042	48
Cadmium	0.81	0.019	43
Silver	29	0.99	29
Perylene	220	10	22
Copper	24	1.1	22
Zinc	320	19	17
Fluoranthene	880	54	16
Cobalt	190	12	16
Perchlorate	7.7	0.5	15
Selenium	1.5	0.1	15
Arsenic	31	2.1	15
n-Nitrosodiphenylamine	28	2.3	12
N-Nitrosodimethylamine	79	6.5	12
Manganese	920	79	12
1,1,2-Trichloroethane	100	9	11
sec-Butylbenzene	9.8	0.98	10
Aluminum	160	16	10
Cyanides	1.8	0.18	10
Molybdenum	1.3	0.13	10
Titanium	45	4.5	10
Benzene	730	73	10
Cumene	13	1.3	10
Dibenzofuran	12	1.2	10
Dichlorodifluoromethane	410	41	10
4-Methyl-2-pentanone (MIBK)	45	4.5	10
p-Cymene	37	3.7	10

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
tert-Butylbenzene	11	1.1	10
Toluene	590	59	10
Trichloroethene	18	1.8	10
Vinyl Chloride	7.8	0.78	10
3,5-Dimethylphenol	26	2.6	10
Benzoic Acid	45	4.5	10
Benzyl Alcohol	45	4.5	10
Carbazole	15	1.5	10
Diethyl phthalate	23	2.3	10
Dimethly phthalate	45	4.5	10
Di-n-butylphthalate	1.1	0.11	10
Di-n-octylphthalate	130	13	10
m-Cresol	51	5.1	10
o-Cresol	43	4.3	10
p-Chloro-m-cresol	17	1.7	10
p-Cresol	43	4.3	10
Phenol	51	5.1	10
p-Nitroaniline	34	3.4	10
Acenaphthene	11	1.1	10
Anthracene	22	2.2	10
Flourene	8.9	0.89	10
Phenanthrene	13	1.3	10
m-Terphenyl	6.7	0.67	10
o-Terphenyl	6.7	0.67	10
p-Terphenyl	5.4	0.54	10
Aroclor 1016	1.2	0.12	10
Aroclor 1221	1.8	0.18	10
Aroclor 1242	0.43	0.043	10
Aroclor 1248	0.064	0.0064	10
Aroclor 1254	0.39	0.039	10
Aroclor 1260	0.25	0.025	10
Aroclor 5460	0.39	0.039	10
Acenaphthylene	3.3	0.33	10
Aroclor 1032	0.82	0.082	10
Formaldehyde	380	43	9
Dibromomethane	230	27	9
Methylene Chloride	230	27	9
2-Hexanone	170	23	7
Chromium	14	1.9	7
HMX	630	110	6

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
2-Chloroethyl Vinyl Ether	910	160	6
1,2-Dibromoethane	62	12	5
Bromodichloromethane	51	10	5
2,4-Dichlorophenol	330	65	5
2,4,6-Trinitrotoluene	0.65	0.13	5
RDX	1.5	0.3	5
1,1,1,2-Tetrachloroethane	190	38	5
1,4-Dichlorobenzene	28	5.6	5
Acetone	230	46	5
Chloromethane	16	3.2	5
Tetralin	290	58	5
Tetrachloroethene	11	2.2	5
Trichlorofluoromethane	850	170	5
Hexachlorobutadiene	0.11	0.022	5
1-Methylnapthalene	260	52	5
1,2-Dibromo-3-chloropropane	1.4	0.28	5
2-Methylnapthalene	260	53	5
Monomethylhydrazine	1.7	0.35	5
1,1-Dimethylhydrazine	1.7	0.35	5
Vanadium	16	3.3	5
1,3-Dichlorobenzene	110	23	5
Methyl Mercury	0.82	0.18	5
Thallium	8.2	1.8	5
Hexavalent Chromium	30	7.3	4
Acetic Acid	1,660	410	4
Flouride	140	35	4
p-Chlorotoluene	64	16	4
o-Chlorotoluene	63	16	4
1,2,3-Trichlorobenzene	37	10	4
1,2,4-Trichlorobenzene	37	10	4
Naphthalene	130	36	4
Pentachlorophenol	10	2.8	4
Boron	73	22	3
2,4,6-Trichlorophenol	230	75	3
Ethylbenzene	240	79	3
n-Propylbenzene	220	73	3
n-Butylbenzene	180	61	3
2,4,5-Trichlorophenol	220	75	3
Butyl benzyl phthalate	260	90	3
Chloroform	190	69	3

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
1,2-Dinitrobenzene	2.5	0.92	3
1,3-Dinitrobenzene	2.5	0.92	3
Beryllium	13	4.8	3
1,1-Dichloroethene	18	6.9	3
2-Butanone (MEK)	21,100	8,160	3
1,1,1-Trichloroethane	6,240	2,460	3
Tin	77	31	2
1,1-Dichloroethane	160	78	2
1,2-Dichloroethane	160	78	2
Chlorobenzene	43	21	2
Dibromochloromethane	59	29	2
Lithium	87	43	2
Barium	89	44	2
Styrene	420	210	2
1,4-Dioxane	4.6	2.3	2
1,1,2,2-Tetrachloroethane	100	51	2
Bromoroform	45	23	2
Mercury	1.7	0.87	2
1,2-Dichloroethene	250	130	2
Hexachlorocyclopentadiene	5.6	3	2
trans-1,2-Dichloroethene	240	130	2
Bromobenzene	43	25	2
Strontium	1750	1210	1.4
1,2,4-Trimethylbenzene	4	3.1	1.3
1,2-Dichloropropane	4.1	3.2	1.3
1,3,5-Trimethylbenzene	4.1	3.2	1.3
m-Xylene & p-Xylene	4.2	3.3	1.3
o-Xylene	4.3	3.4	1.3
Xylene (Total)	4.2	3.4	1.2
cis-1,2-Dichloroethene	220	210	1.0
1,2-Dichlorobenzene	130	130	1.0
Inorganic Compounds			
Zirconium	NTV	8	
Energetic Constituents			
Hydrazine	NTV	NTV	
Volatile Organic Compounds			
1,1,2-Trichloro-1,2,2-trifluoroethane	NTV	220	
Bromide	NTV	NTV	
Carbon Disulfide	NTV	51	
Carbon Tetrachloride	NTV	35	

Chemical Name	PEIR High TRV-Based RBSL (mg/kg)	PEIR Low TRV-Based RBSL (mg/kg)	How Many Times Higher are the High TRV-Based RBSLs than the Low?
n-Hexane			
Nitrobenzene			
Semi-Volatile Organic Compounds			
4-Nitrophenol	NC	8	
Polynuclear Aromatic Hydrocarbons			
Terphenyls			
Polychlorinated Buphenyls (PCBs)			

Chemical Name	PEIR Lowest RBSL* (mg/kg)	SRAM-Based Sub. Res. Garden (mg/kg)	How Many Times Lower are the SRAM Garden RBSLs than the Lowest Eco RBSLs?
Monomethylhydrazine	0.35	0.000000015	23809524
N-Nitrosodimethylamine	6.5	0.00000095	6849315
1,2-Dibromoethane	12	0.000086	139535
2-Chloroethyl Vinyl Ether	7.4	0.000055	135780
1,1,2,2-Tetrachloroethane	51	0.0016	31098
Arsenic	2.1	0.000099	21169
1,2-Dichloroethane	78	0.0041	19165
Benzo(a)pyrene	1.2	0.000081	14833
Dibenzo(a,h)anthracene	2.3	0.00024	9664
Carbon Tetrachloride	35	0.0039	8997
Benzene	31	0.0036	8611
Dibromochloromethane	29	0.0039	7398
Chloroform	69	0.01	6832
Bromodichloromethane	10	0.0025	4049
Hexavalent Chromium	7.3	0.0019	3763
1,2-Dibromo-3-chloropropane	0.28	0.000089	3143
1,4-Dioxane	2.3	0.00087	2644
Methylene Chloride	27	0.011	2547
1,1,2-Trichloroethane	9	0.004	2233
1-Methylnapthalene	52	0.029	1799
1,1-Dichloroethane	78	0.046	1685
1,1,1,2-Tetrachloroethane	38	0.024	1610
Tetrachloroethene	2.2	0.0014	1594
Benzo(b)fluoranthene	1.2	0.00081	1491
Benzo(k)fluoranthene	1.2	0.00081	1483
Indeno(1,2,3-cd)pyrene	1.2	0.00081	1476
1,1-Dimethylhydrazine	0.35	0.00025	1411
Benzo(a)anthracene	0.81	0.00081	1006
cis-1,2-Dichloroethene	210	0.21	1005
Vinyl Chloride	0.78	0.00082	948
Ethylbenzene	55	0.062	891
2-Butanone (MEK)	8,160	10.3	792
Bromoform	23	0.041	568
p-Nitroaniline	3.4	0.0087	390
1,2-Dichloropropane	3.2	0.0088	365
2,4,6-Trichlorophenol	4	0.012	348
RDX	0.3	0.00087	346
Thallium	1	0.0036	278

Chemical Name	PEIR Lowest RBSL* (mg/kg)	SRAM-Based Sub. Res. Garden (mg/kg)	How Many Times Lower are the SRAM Garden RBSLs than the Lowest Eco RBSLs?
Zirconium	8	0.029	277
Butyl benzyl phthalate	90	0.49	184
Trichloroethene	1.8	0.0098	183
HMX	110	0.73	152
Chrysene	1.2	0.0081	149
Methyl Mercury	0.18	0.0013	137
1,3-Dinitrobenzene	0.92	0.0072	128
Cobalt	12	0.1	120
1,2-Dichloroethene	130	1.16	112
1,2-Dinitrobenzene	0.92	0.0088	104
Aroclor 1242	0.043	0.00049	88
Aroclor 5460	0.039	0.00049	80
Aroclor 1254	0.039	0.00049	80
2-Hexanone	23	0.32	72
Chloromethane	3.2	0.052	62
Pentachlorophenol	2.8	0.053	53
Aroclor 1260	0.025	0.00049	51
trans-1,2-Dichloroethene	130	2.57	51
2-Methylnapthalene	53	1.24	43
1,2,4-Trichlorobenzene	10	0.24	42
1,2,3-Trichlorobenzene	10	0.24	42
1,4-Dichlorobenzene	5.6	0.14	40
Carbazole	1.5	0.041	37
Perchlorate	0.5	0.016	32
n-Nitrosodiphenylamine	2.3	0.075	31
Dibromomethane	27	0.89	30
2,4-Dimethylphenol	65	3.1	21
2,4,6-Trinitrotoluene	0.13	0.0073	18
Bromobenzene	25	1.87	13
Aroclor 1248	0.0064	0.00049	13
Formaldehyde	43	3.7	12
Cadmium	0.019	0.0017	12
Strontium	1210	121	10
Aroclor 1016	0.12	0.014	9
Naphthalene	36	5.3	6.8
Beryllium	4.8	0.72	6.7
Cyanides	0.18	0.028	6.5
m-Terphenyl	0.67	0.11	6.3

Chemical Name	PEIR Lowest RBSL* (mg/kg)	SRAM-Based Sub. Res. Garden (mg/kg)	How Many Times Lower are the SRAM Garden RBSLs than the Lowest Eco RBSLs?
o-Terphenyl	0.67	0.11	6.3
Acetone	46	7.79	5.9
Tetralin	29	5.31	5
1,2-Dichlorobenzene	130	25	5.2
p-Terphenyl	0.54	0.11	5.0
Chlorobenzene	21	4.34	4.8
Styrene	210	45.9	4.6
Carbon Disulfide	51	11.2	4.6
Dibenzofuran	1.2	0.32	3.7
n-Butylbenzene	61	16.7	3.7
Toluene	59	16.3	3.6
Di-n-octylphthalate	13	3.6	3.6
Trichlorofluoromethane	170	54	3.1
p-Chlorotoluene	16	5.4	3.0
o-Chlorotoluene	16	5.5	2.9
1,1,1-Trichloroethane	1,000	350	2.9
Lithium	2	0.71	3
n-Propylbenzene	73	29.8	2.4
1,3-Dichlorobenzene	20	8.6	2.3
Mercury	0.1	0.05	2
Manganese	79	40	2.0
3,5-Dimethylphenol	2.6	1.4	1.9
Hexachlorobutadiene	0.022	0.012	1.8
Vanadium	3.3	1.8	1.8
Dichlorodifluoromethane	41	27.3	1.5
1,3,5-Trimethylbenzene	3.2	2.8	1.2
1,2,4-Trimethylbenzene	3.1	2.9	1.1
1,1-Dichloroethene	6.9	6.6	1.04
bis(2-Ethylhexyl) pthalate	0.32	0.33	0.98
Benzyl Alcohol	4.5	4.6	0.97
4-Methyl-2-pentanone (MIBK)	4.5	4.7	0.96
Perylene	10	10.8	0.93
m-Cresol	5.1	5.7	0.89
o-Cresol	4.3	5.7	0.76
Barium	44	71.5	0.62
Silver	0.99	1.8	0.55
p-Cresol	4.3	11.2	0.38
Zinc	19	53.8	0.35

Chemical Name	PEIR Lowest RBSL* (mg/kg)	SRAM-Based Sub. Res. Garden (mg/kg)	How Many Times Lower are the SRAM Garden RBSLs than the Lowest Eco RBSLs?
Tin	31	101	0.31
Antimony	0.042	0.14	0.3
Phenol	5.1	20.7	0.25
Fluoranthene	1.9	14	0.1
2,4,5-Trichlorophenol	4	30	0.1
Pyrene	1.2	10.4	0.12
p-Cymene	3.7	32.2	0.11
Benzo(ghi)perylene	1.2	10.8	0.11
Benzo(e)pyrene	1.2	10.8	0.11
Copper	1.1	11.1	0.10
Molybdenum	0.13	1.4	0.094
Selenium	0.1	1.3	0.076
Dimethly phthalate	4.5	64.4	0.070
p-Chloro-m-cresol	1.7	24.6	0.069
Xylene (Total)	3.4	49.6	0.069
o-Xylene	3.4	49.6	0.069
Fluorene	0.89	13	0.068
m-Xylene & p-Xylene	3.3	49.6	0.067
Acenaphthene	1.1	18.7	0.059
Cumene	1.3	29.6	0.044
tert-Butylbenzene	1.1	32.2	0.034
Boron	0.5	14.9	0.03
2-Amino-4,6-dinitrotoluene	0.006	0.2	0.029
1,1,2-Trichloro-1,2,2-trifluoroethane	220	7,560	0.029
sec-Butylbenzene	0.98	33.9	0.029
Nickel	0.13	6.1	0.021
Anthracene	2	101	0.020
Acenaphthylene	0.33	18.7	0.018
Diethyl phthalate	2.3	133	0.017
Phenanthrene	1.2	101	0.012
Benzoic Acid	4.5	421	0.011
Lead	0.062	6.9	0.009
Di-n-butylphthalate	0.11	33.7	0.003
Chromium	1	542	0.002
Aluminum	16	-	-
Titanium	4.5	-	-
Aroclor 1221	0.18	-	-
Aroclor 1232	0.082	-	-

Chemical Name	PEIR Lowest RBSL* (mg/kg)	SRAM-Based Sub. Res. Garden (mg/kg)	How Many Times Lower are the SRAM Garden RBSLs than the Lowest Eco RBSLs?
Acetic Acid	410	-	-
Flouride	35	-	-
Hexachlorocyclopentadiene	3	-	-
4-Nitrophenol	8	-	-

Notes

*White cells are the Low TRV-based Eco RBSLs

Terrestrial Plant Eco RBSL

Soil Invertebrates Eco RBSL