

Appendix C

TABLE C-1.—SUMMARY OF CONSTITUENT-SPECIFIC EXIT LEVEL DEVELOPMENT USING TOXICITY BENCHMARKS

CAS No.	Name	WW totals (mg/l)				NWW totals (mg/kg)			NWW leach (mg/l)		
		Multipath modeled exit level	Ground-water modeled exit level	Extrapolated exit level	WW EQC	Multipath modeled leach level	Extrapolated leach level	NWW EQC	Ground-water modeled each level	Extrapolated each level	WW EQC
83-32-9	Acenaphthene	49.5	31.2		0.0018	9480		0.0742	4.9		0.0018
208-96-8	Acenaphthylene			0.00285	0.02		3.9	0.7		0.0000661	0.02
67-64-1	Acetone	232000	15.6		0.2	17400		0.027	6		0.2
75-05-8	Acetonitrile	6.58	0.78		0.015	923		0.014	0.3		0.015
98-86-2	Acetophenone	5960	16.8		0.00158	1210		0.03	6.4		0.00158
75-36-5	Acetyl chloride			0.023			30.85			0.015	
591-08-2	Acetyl-2-thiourea, 1-			0.11775	1		1.66	70		6.4	1
53-96-3	Acetylaminofluorene, 2-			0.02762	0.02		3.28	1		0.00884	0.02
107-02-8	Acrolein	0.00248			0.013	2.63		0.075			0.013
79-06-1	Acrylamide	3.67	0.00026		0.01	0.00436		0.1	0.000038		0.01
107-13-1	Acrylonitrile	0.00428	0.0011		0.008	0.961		0.7	0.00034		0.008
1402-68-2	Aflatoxins			14.7			6900			10.5	
116-06-3	Aldicarb			0.0069415	0.05		0.194	1		0.48	0.05
309-00-2	Aldrin	5.640E-07	0.00469		0.000034	0.000444		0.0006	3.670E-06		0.000034
107-18-6	Allyl alcohol			39			36700			15	
107-05-1	Allyl chloride	0.0742			0.002	258		0.002			0.002
92-67-1	Aminobiphenyl, 4-			0.02762	0.02		3.28	1		0.00884	0.02
2763-96-4	Aminomethyl-3-isoxazolol, 5-			0.159			19.955			0.105	
504-24-5	Aminopyridine, 4-			0.02762			3.28			0.00884	
61-82-5	Amitrole			0.0069415			0.194			0.48	
62-53-3	Aniline	0.444	0.053		0.00023	4.21		0.0132	0.017		0.00023
120-12-7	Anthracene			0.00285	0.007		3.9	0.5		0.0000661	0.007
7440-36-0	Antimony	8210	0.136		0.0008	8.72		2	0.053		0.0008
140-57-8	Aramite			14.7	0.02		6900	1		10.5	0.02
7440-38-2	Arsenic	40.5	0.000384		0.0005	0.17		0.3031	0.000148		0.0005
2465-27-2	Auramine			0.159			19.955			0.105	
115-02-6	Azaserine			0.159			19.955			0.105	
7440-39-3	Barium		33.2		0.001	2080		0.2	15.5		0.001
71-43-2	Benzene	0.0209	0.0177		0.00004	109		0.0001	0.0054		0.00004
92-87-5	Benzidine	0.00015	2.240E-06		0.0025	0.0000298		0.042	6.800E-07		0.0025
106-51-4	Benzoquinone, p-			14.7	0.01		6900	0.7		10.5	0.01
98-07-7	Benzotrithloride			0.081			142	0.004		0.0317	
50-32-8	Benzo(a)pyrene	0.00231	0.00364		0.000023	0.227		0.0621	7.040E-06		0.000023
205-99-2	Benzo(b)fluoranthene	0.000805	0.0164		0.000018	3.7		0.0699	0.0000661		0.000018
205-82-3	Benzo(j)fluoranthene			0.00285	0.0002		3.9	0.01		0.0000661	0.0002
207-08-9	Benzo(k)fluoranthene			0.00285	0.0002		3.9	0.7		0.0000661	0.0002
191-24-2	Benzo(g,h,i)perylene			0.00285	0.0008		3.9	0.7		0.0000661	0.0008
100-51-6	Benzyl alcohol	22500	39		0.00074	2740		0.034	15		0.00074
100-44-7	Benzyl chloride	1.13	3.9		5.000E-06	37.5		0.00276	15		5.000E-06
56-55-3	Benz(a)anthracene	0.0138	0.000717		0.000013	0.1		0.0826	4.300E-06		0.000013
225-51-4	Benz(c)acridine			0.00285	0.0005		3.9	0.03		0.0000661	0.0005
7440-41-7	Beryllium	10.1	0.000827		0.00003	0.0591		0.1	0.00032		0.0003
39638-32-9	Bis (2-chloroisopropyl) ether	0.569	0.007		0.00145	0.944		0.0586	0.0019		0.00145
111-44-4	Bis(2-chlorethyl)ether	0.00141	0.000648		0.0003	0.115		0.0651	0.00036		0.0003
117-81-7	Bis(2-ethylhexyl)phthalate	0.00044	12.4		0.00027	225		0.143	0.00112		0.00027
542-88-1	Bis(chloromethyl)ether			0.023			30.85			0.015	
598-31-2	Bromoacetone			0.023	0.005		30.85	0.03		0.015	0.005
75-27-4	Bromodichloromethane	33.3	0.00854		0.00008	19		0.0012	0.00252		0.00008
75-25-2	Bromoform	0.178	0.064		0.0002	173		0.02	0.018		0.0002
	(Tribromomethane).										
101-55-3	Bromophenyl phenyl ether, 4-			0.023	0.01		30.85	0.7		0.015	0.01
357-57-3	Brucine			0.159	20		19.955			0.105	20
71-36-3	Butanol	38600	15.6		0.014	18200		0.23	6		0.014
88-85-7	Butyl-4,6-dinitrophenol, 2-sec- (Dinoseb).	15.4	0.192		0.00029	772		0.042	0.064		0.00029
85-68-7	Butylbenzylphthalate	235	437		0.000042	87		0.049	64		0.000042
7440-43-9	Cadmium	1600	0.24		0.00005	14.1		0.2	0.11		0.00005
86-74-8	Carbazole			0.159			19.955			0.105	
75-15-0	Carbon disulfide	0.738	18.4		0.00121	330		0.0002	6.4		0.00121
353-50-4	Carbon oxyfluoride			0.023			30.85			0.015	
56-23-5	Carbon tetrachloride	0.0115	0.014		0.00021	8.54		0.02	0.00161		0.00021
75-87-6	Chloral			0.081			142			0.0317	
305-03-3	Chlorambucil			0.081			142			0.0317	
57-74-9	Chlordane	0.000014	0.0998		0.00004	0.00976		0.0015	0.000163		0.00004
494-03-1	Chlomaphazin			0.081			142			0.0317	
126-99-8	Chloro-1, 3-butadiene, 2- (Chloroprene).	0.515			0.002	288		0.00099			0.002
107-20-0	Chloroacetaldehyde			0.023			30.85			0.015	
106-47-8	Chloroaniline, p-	517	0.42		0.00066	142		0.0592	0.16		0.00066
108-90-7	Chlorobenzene	1.5	4.76		0.00004	2470		0.0002	1.33		0.00004
510-15-6	Chlorobenzilate	0.0731	0.054		0.00504	6.82		0.069	0.0057		0.00504
124-48-1	Chlorodibromomethane	16.3	0.0066		0.00007	27.5		0.00085	0.0018		0.00007
75-00-3	Chloroethane (ethyl chloride)			0.023	0.005		30.85	0.005		0.015	0.005
110-75-8	Chloroethyl vinyl ether, 2-			0.081			142	0.005		0.0317	
67-66-3	Chloroform	0.00759	0.057		0.00003	6.74		0.002	0.017		0.00003