

US EPA ARCHIVE DOCUMENT

**Appendix XI
Table B - Quantitation-Based Conditional Exit Levels**

CASNUM	NAME	MCL Benchmark Option			Toxicity Benchmark Option		
		Wastewater	Nonwastewater		Wastewater	Nonwastewater	
		Totals (mg/l)	Totals (mg/kg)	Leach (mg/l)	Totals (mg/l)	Totals (mg/kg)	Leach (mg/l)
208-96-8	Acenaphthylene	0.02		0.02	0.02		0.02
75-36-5	Acetyl chloride	**	**	**	**	**	**
591-08-2	Acetyl-2-thiourea, 1-	1			1		
107-02-8	Acrolein	0.013			0.013		
79-06-1	Acrylamide	0.01	0.1	0.01	0.01	0.1	0.01
107-13-1	Acrylonitrile	0.008		0.008	0.008		0.008
1402-68-2	Aflatoxins	**	**	**	**	**	**
116-06-3	Aldicarb	0.05			0.05		
309-00-2	Aldrin	0.000034		0.000034	0.000034		0.000034
107-18-6	Allyl alcohol	**	**	**	**	**	**
2763-96-4	Aminomethyl-3-isoxazolol, 5-	**	**	**	**	**	**
504-24-5	Aminopyridine, 4-	**	**	**	**	**	**
61-82-5	Amitrole	**	**	**	**	**	**
120-12-7	Anthracene	0.007		0.007	0.007		0.007
7440-38-2	Arsenic				0.0005		
2465-27-2	Auramine	**	**	**	**	**	**
115-02-6	Azaserine	**	**	**	**	**	**
92-87-5	Benzidine	0.0025	0.042	0.0025	0.0025	0.042	0.0025
98-07-7	Benzotrichloride	**		**	**		**
50-32-8	Benzo(a)pyrene						0.000023
205-82-3	Benzo(j)fluoranthene						0.0002
207-08-9	Benzo(k)fluoranthene						0.0002
191-24-2	Benzo[g,h,i]perylene						0.0008
56-55-3	Benz(a)anthracene			0.000013			0.000013
225-51-4	Benz[c]acridine						0.0005
542-88-1	Bis(chloromethyl) ether	**	**	**	**	**	**
357-57-3	Brucine	20	**	20	20	**	20
86-74-8	Carbazole	**	**	**	**	**	**
353-50-4	Carbon oxyfluoride	**	**	**	**	**	**
75-87-6	Chloral	**	**	**	**	**	**

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305-03-3	Chlorambucil	**	**	**	**	**	**
57-74-9	Chlordane	0.00004			0.00004		
494-03-1	Chlornaphazin	**	**	**	**	**	**
107-20-0	Chloroacetaldehyde	**	**	**	**	**	**
110-75-8	Chloroethyl vinyl ether, 2-	**		**	**		**
107-30-2	Chloromethyl methyl ether	**		**	**		**
5344-82-1	Chlorophenyl thiourea, 1-o-	**	**	**	**	**	**
542-76-7	Chloropropionitrile, 3-			0.1	0.1		0.1
6358-53-8	Citrus red No. 2	**	**	**	**	**	**
7440-48-4	Cobalt			0.5			
57-12-5	Cyanide	0.2			0.2		
14901-08-7	Cycasin	**	**	**	**	**	**
108-94-1	Cyclohexanone	10			10		
131-89-5	Cyclohexyl-4,6-dinitrophenol, 2-	0.1		0.1	0.1		0.1
50-18-0	Cyclophosphamide	**	**	**	**	**	**
20830-81-3	Daunomycin	**	**	**	**	**	**
53-19-0	DDD (o,p')	**	**	**	**	**	**
72-55-9	DDE	0.000058			0.000058		
3424-82-6	DDE (o,p')	**	**	**	**	**	**
50-29-3	DDT	0.000081			0.000081		
789-02-6	DDT (o,p')	**	**	**	**	**	**
192-65-4	Dibenzo[a,e]pyrene						0.001
189-64-0	Dibenzo[a,h]pyrene						0.0002
189-55-9	Dibenzo[a,i]pyrene						0.0002
194-59-2	Dibenzo[c,g]carbazole, 7H-	0.01		0.01	0.01		0.01
226-36-8	Dibenz(a,h)acridine						0.0002
53-70-3	Dibenz(a,h)anthracene	0.00003	0.084	0.00003	0.00003	0.084	0.00003
224-42-0	Dibenz[a,j]acridine						0.001
311-45-5	Diethyl-p-nitrophenyl phosphate	**	**	**	**	**	**
56-53-1	Diethylstilbestrol	0.0078	1	0.0078	0.0078	1	0.0078

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		Totals (mg/l)	Totals (mg/kg)	Leach (mg/l)	Totals (mg/l)	Totals (mg/kg)	Leach (mg/l)
77-78-1	Dimethyl sulfate	**	**	**	**	**	**
119-93-7	Dimethylbenzidine, 3,3'-	0.0033	0.7	0.0033	0.0033	0.7	0.0033
57-97-6	Dimethylbenz(a)anthracene, 7,12-	0.00037	0.039	0.00037	0.00037	0.039	0.00037
79-44-7	Dimethylcarbamoyl chloride	**	**	**	**	**	**
119-90-4	Dimethoxybenzidine, 3,3'-		7			7	
100-25-4	Dinitrobenzene, 1,4-	0.04		0.04	0.04		0.04
534-52-1	Dinitro-o-cresol, 4,6-	0.05		0.05	0.05		0.05
541-53-7	Dithiobiuret	**	**	**	**	**	**
145-73-3	Endothall	0.1	**		0.1	**	
51-43-4	Epinephrine	**	**	**	**	**	**
62-50-0	Ethyl methanesulfonate		0.018			0.018	
96-45-7	Ethylene thiourea	**	**	**	**	**	**
151-56-4	Ethyleneimine (aziridine)	**	**	**	**	**	**
52-85-7	Famphur	0.02			0.02		
640-19-7	Fluoracetamide, 2-	**	**	**	**	**	**
62-74-8	Fluoroacetic acid, sodium salt	**	**	**	**	**	**
16984-48-8	Fluoride						
50-00-0	Formaldehyde	0.023			0.023		
765-34-4	Glycidylaldehyde	**	**	**	**	**	**
76-44-8	Heptachlor	0.00004			0.00004		
118-74-1	Hexachlorobenzene	0.0016			0.0016		0.0016
70-30-4	Hexachlorophene	0.21	2	0.21	0.21	2	0.21
757-58-4	Hexaethyl tetraphosphate	**	**	**	**	**	**
302-01-2	Hydrazine	**		**	**		**
193-39-5	Indeno(1,2,3-cd) pyrene			0.000043			0.000043
465-73-6	Isodrin	0.02			0.02		
143-50-0	Kepone	0.016	0.097	0.016	0.016	0.097	0.016
303-43-4	Lasiocarpine	**	**	**	**	**	**
108-31-6	Maleic anhydride	**		**	**		**
148-82-3	Melphalan	**	**	**	**	**	**

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74-93-1	Methanethiol	**	**	**	**	**	**
16752-77-5	Methomyl	0.05			0.05		
1338-23-4	Methyl ethyl ketone peroxide	**	**	**	**	**	**
60-34-4	Methyl hydrazine	**	**	**	**	**	**
91-57-6	Methyl naphthalene, 2-	0.01		0.01	0.01		0.01
75-55-8	Methylaziridine, 2-	**	**	**	**	**	**
56-49-5	Methylcholanthrene, 3-	0.01	0.046	0.01	0.01	0.046	0.01
101-14-4	Methylenebis, 4,4'- (2-chloroaniline)	**	**	**	**	**	**
70-25-7	Methyl-nitro-nitrosoguanidine (MNNG)	**	**	**	**	**	**
56-04-2	Methylthiouracil	**	**	**	**	**	**
50-07-7	Mitomycin C	**	**	**	**	**	**
86-88-4	Naphthyl-2-thiourea, 1-	**	**	**	**	**	**
88-74-4	Nitroaniline, 2-	0.05		0.05	0.05		0.05
99-09-2	Nitroaniline, 3-	0.05		0.05	0.05		0.05
55-86-7	Nitrogen mustard	**	**	**	**	**	**
51-75-2	Nitrogen mustard hydrochloride salt	**	**	**	**	**	**
126-85-2	Nitrogen mustard N-Oxide	**	**	**	**	**	**
302-70-5	Nitrogen mustard N-Oxide, HCl salt	**	**	**	**	**	**
55-63-0	Nitroglycerine	**	**	**	**	**	**
100-02-7	Nitrophenol, 4-	0.05		0.05	0.05		0.05
79-46-9	Nitropropane, 2-	0.0058			0.0058		
55-18-5	Nitrosodiethylamine	0.002	1	0.002	0.002	1	0.002
62-75-9	Nitrosodimethylamine	0.0006	0.074	0.0006	0.0006	0.074	0.0006
924-16-3	Nitrosodi-n-butylamine	0.06		0.06	0.06		0.06
10595-95-6	Nitrosomethylethylamine	0.028		0.028	0.028		0.028
1116-54-7	N-Nitrosodiethanolamine	0.01	0.7	0.01	0.01	0.7	0.01
621-64-7	N-Nitrosodi-n-propylamine	0.026		0.026	0.026		0.026
4549-40-0	N-Nitrosomethyl vinyl amine	**	**	**	**	**	**
759-73-9	N-Nitroso-N-ethylurea	**	**	**	**	**	**
615-53-2	N-Nitroso-N-methylurethane	**	**	**	**	**	**

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16543-55-8	N-Nitrosornicotine	**	**	**	**	**	**
100-75-4	N-Nitrosopiperidine	0.0014	0.033	0.0014	0.0014	0.033	0.0014
930-55-2	N-Nitrosopyrrolidine	0.0047		0.0047	0.0047		0.0047
13256-22-9	N-Nitrososarcosine	**	**	**	**	**	**
103-85-5	N-Phenylthiourea	**	**	**	**	**	**
1615-80-1	N,N-Diethylhydrazine	**	**	**	**	**	**
20816-12-0	Osmium tetroxide	3	200	3	3	200	3
82-68-8	Pentachloronitrobenzene (PCNB)			0.02			0.02
85-01-8	Phenanthrene	0.006		0.006	0.006		0.006
62-38-4	Phenyl mercuric acetate	**	**	**	**	**	**
	Phosphorodithioic acid, dimethylethylester	**	**	**	**	**	**
298-06-6	Phosphorodithioic acid, o-o-diethyl ester	**	**	**	**	**	**
3288-58-2	Phosphorodithioic acid, o-o-diethyl-s-methyl	**	**	**	**	**	**
2953-29-9	Phosphorodithioic acid, trimethyl ester	**	**	**	**	**	**
85-44-9	Phthalic anhydride	**		**	**		**
1336-36-3	Polychlorinated biphenyls	0.0005			0.0005		0.0005
1120-71-4	Propane sultone, 1,3-	**	**	**	**	**	**
108-46-3	Resorcinol	0.1	7		0.1	7	
81-07-2	Saccharin and salts	**	**	**	**	**	**
18883-66-4	Streptozotocin	**	**	**	**	**	**
57-24-9	Strychnine		3			3	
1746-01-6	TCDD, 2,3,7,8-	0.00000001			0.00000001		0.00000001
107-49-3	Tetraethyl pyrophosphate	**		**	**		**
62-55-5	Thioacetamide	1	**	1	1	**	1
79-19-6	Thiosemicarbazide	**	**	**	**	**	**
62-56-6	Thiourea	**	**	**	**	**	**
137-26-8	Thiram	0.05			0.05		
7440-31-5	Tin	8	500	8	8	500	8
584-84-9	Toluene diisocyanate	**		**	**		**
95-80-7	Toluenediamine, 2,4-	0.013	1	0.013	0.013	1	0.013

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95-53-4	Toluidine, o-	0.012		0.012	0.012		0.012
106-49-0	Toluidine, p-	0.017		0.017	0.017		0.017
8001-35-2	Toxaphene	0.0013	0.03		0.0013	0.03	
75-70-7	Trichloromethanethiol	**	**	**	**	**	**
126-72-7	Tris (2,3-dibromopropyl) phosphate	0.025		0.025	0.025		0.025
52-24-4	Tris(1-aziridinyl) phosphine sulfide	**	**	**	**	**	**
72-57-1	Trypan blue	**	**	**	**	**	**
66-75-1	Uracil mustard	**	**	**	**	**	**
75-01-4	Vinyl chloride				0.00017		
81-81-2	Warfarin	0.05			0.05		

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